

Program EVALPLOT
(Version 2018-1)

by

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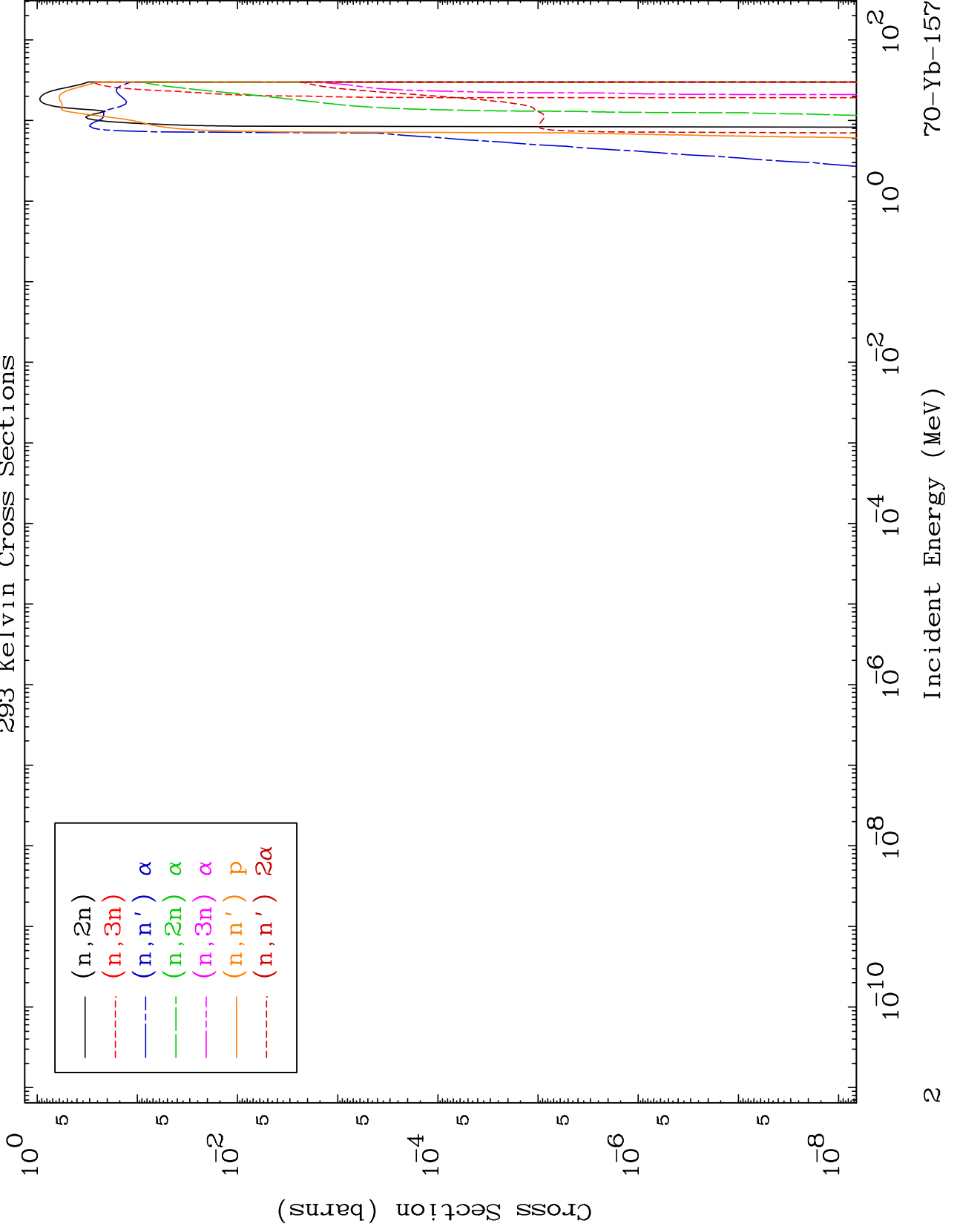
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6992

Neutron Production
293 Kelvin Cross Sections

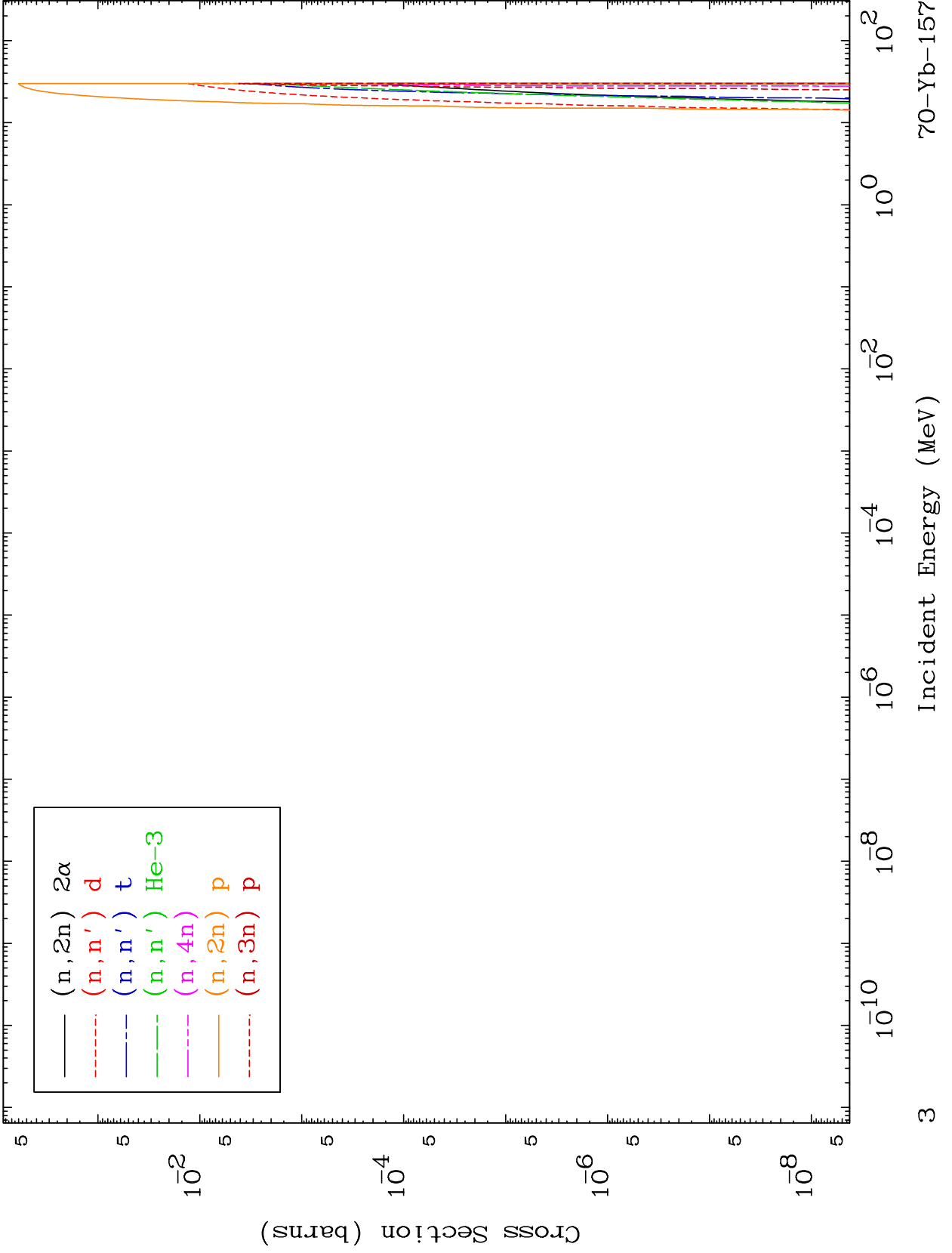
70-Yb-157



MAT 6992

Neutron Production
293 Kelvin Cross Sections

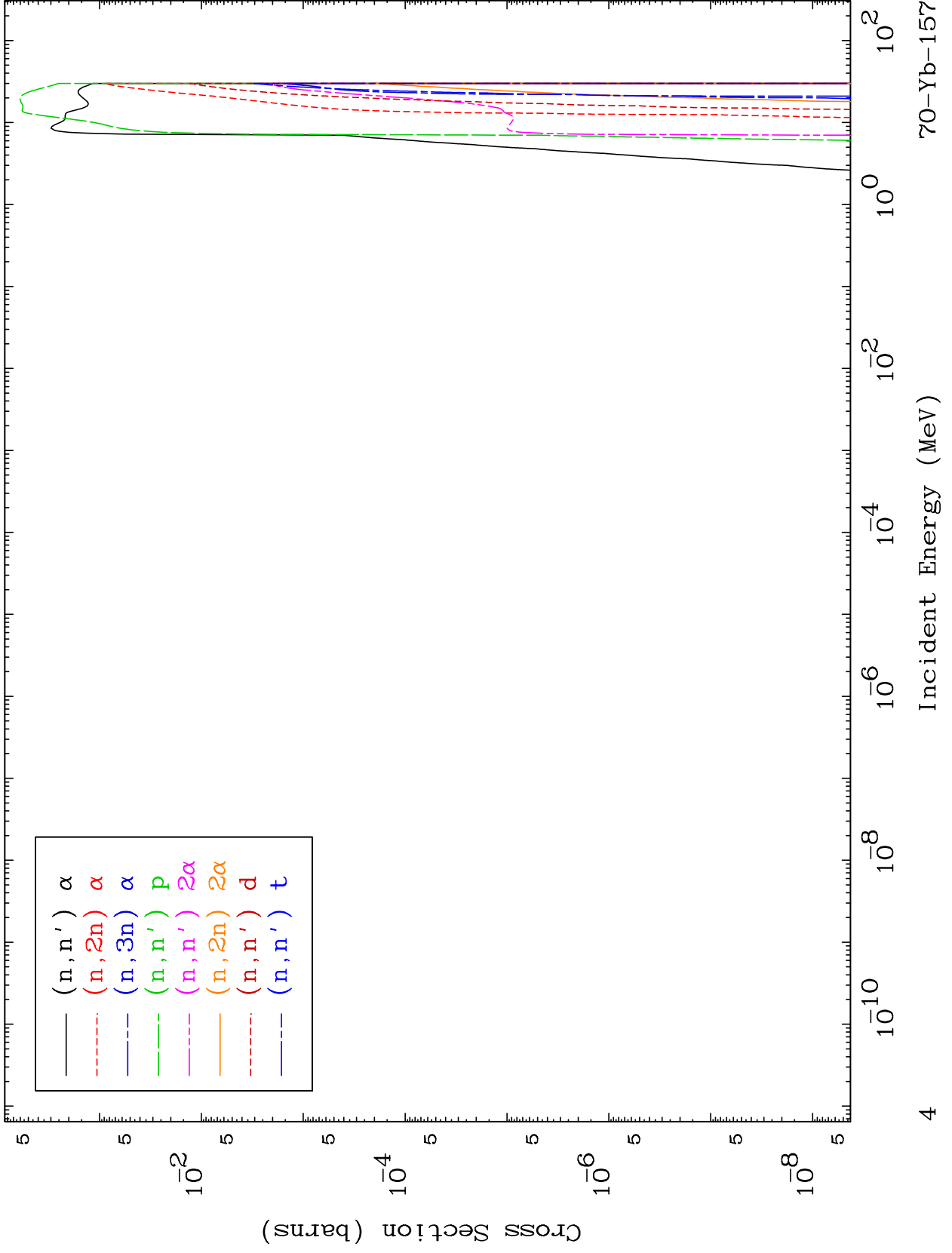
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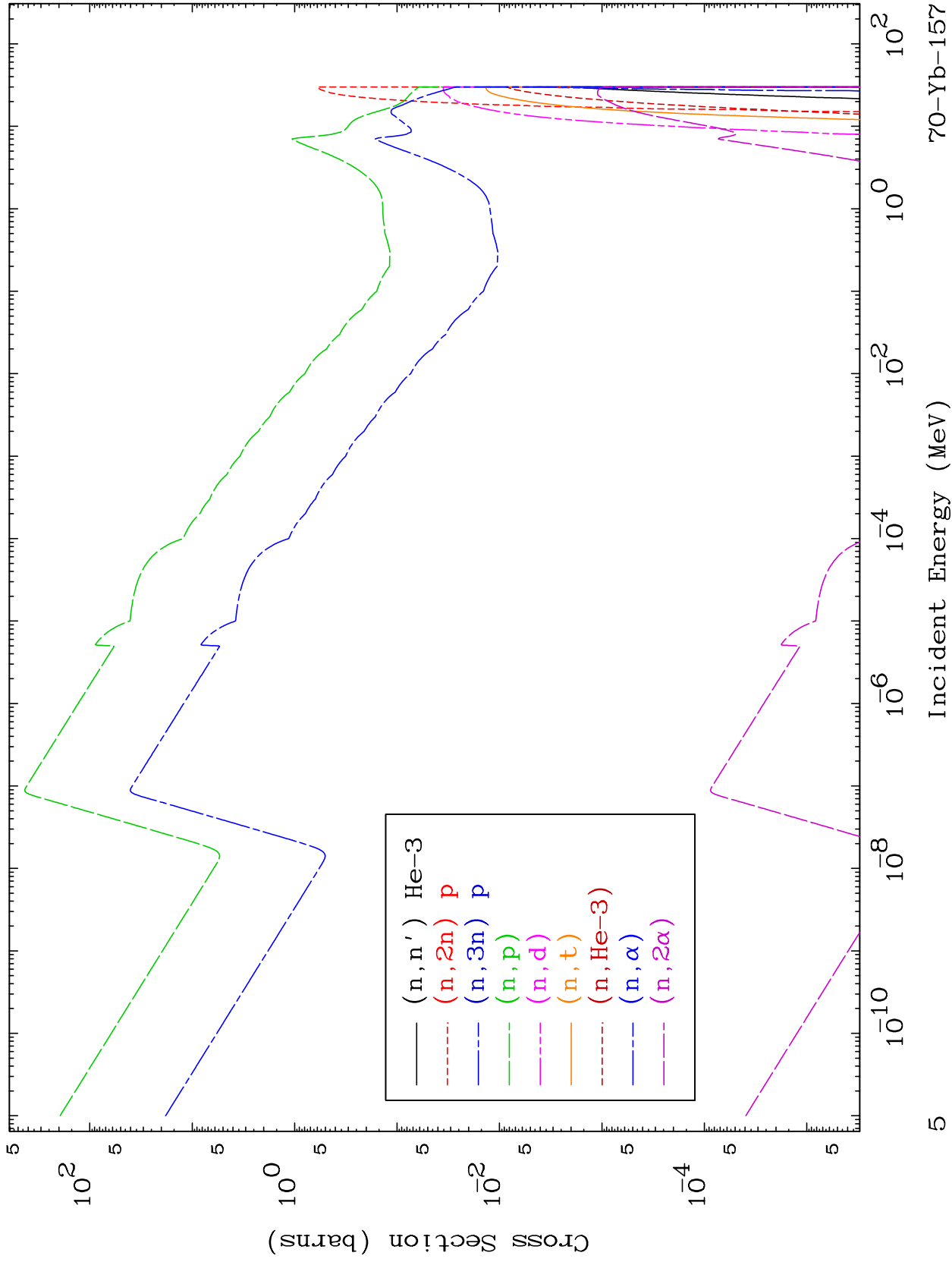


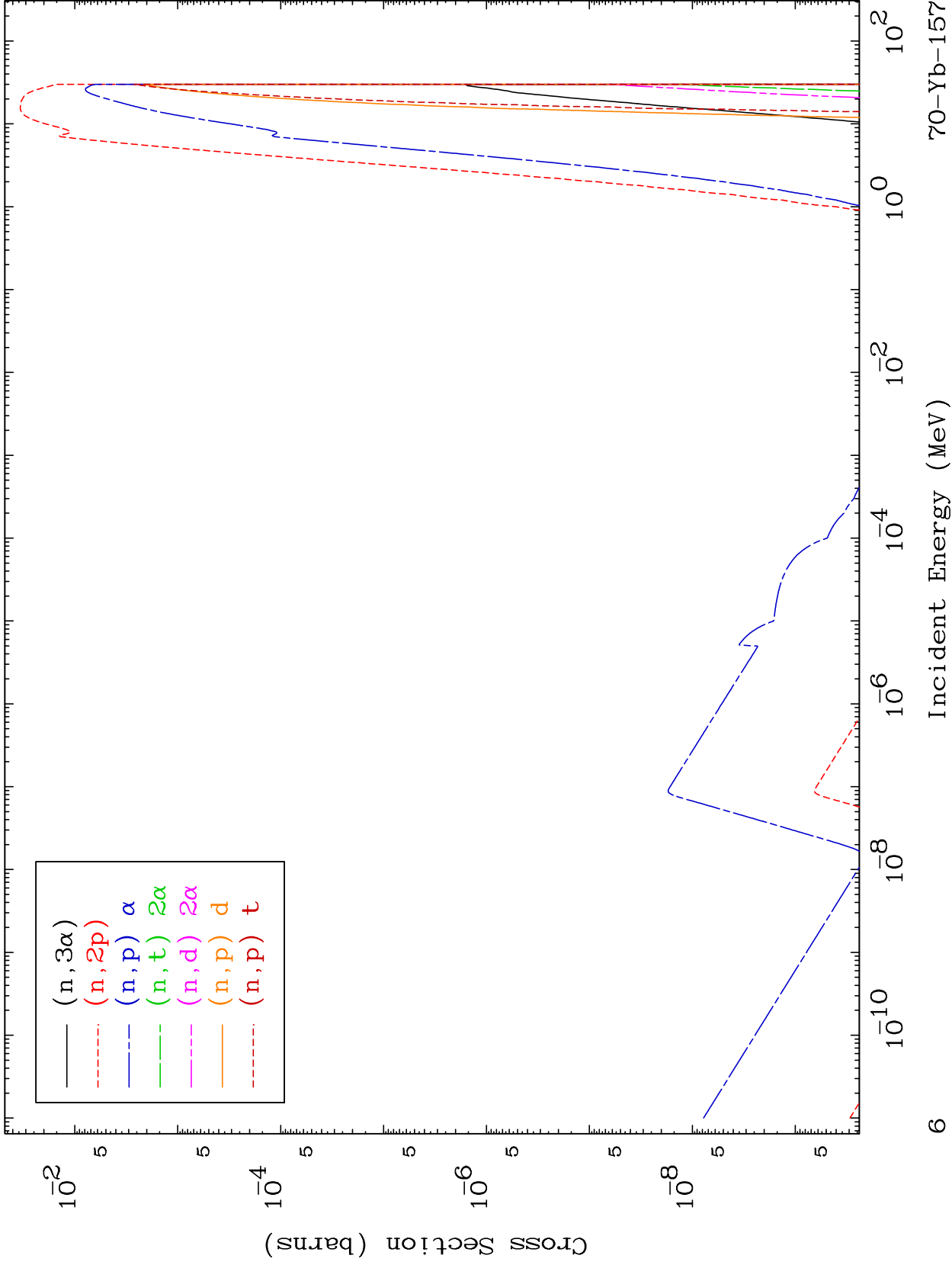
MAT 6992

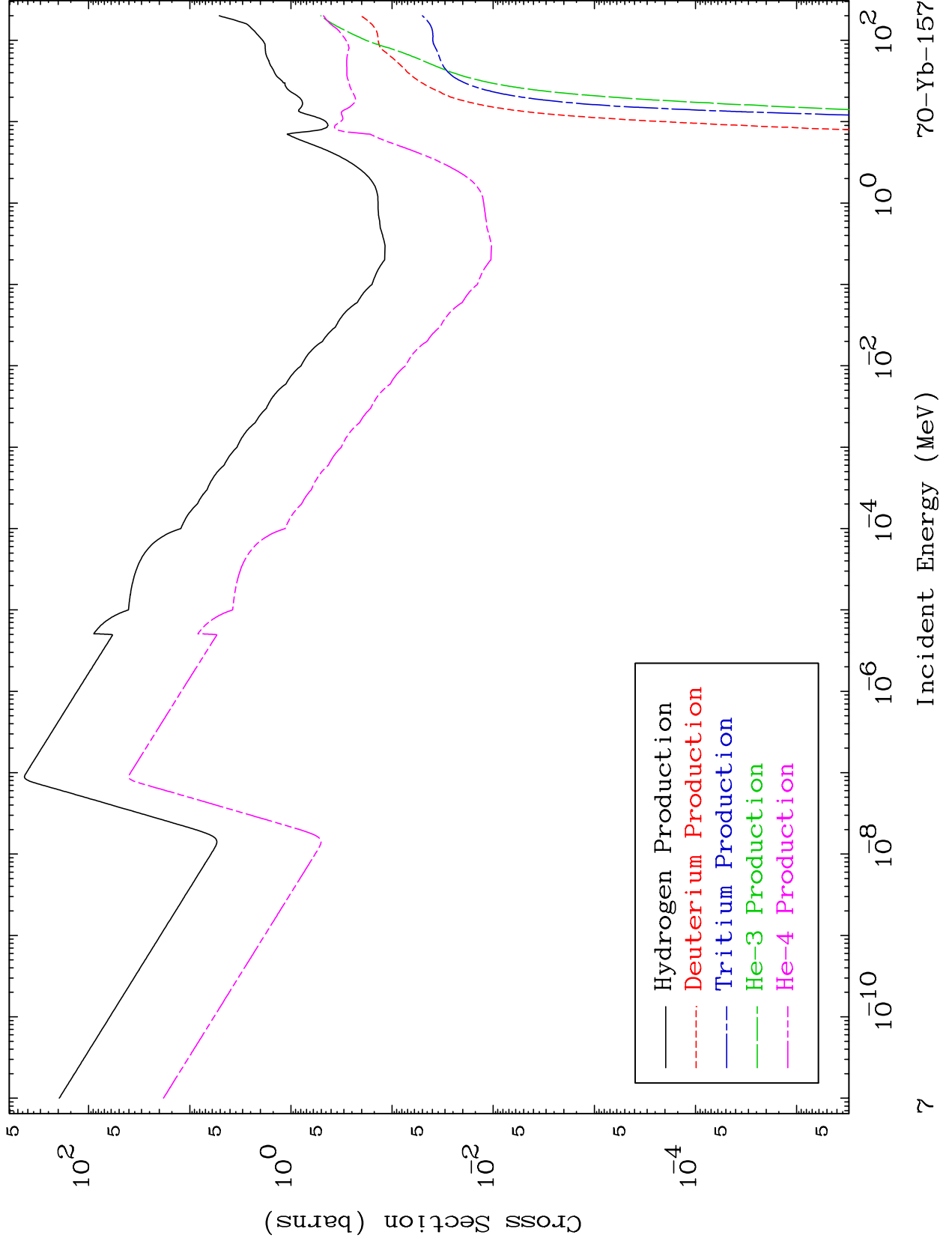
Charged Particle
293 Kelvin Cross Sections

70-Yb-157





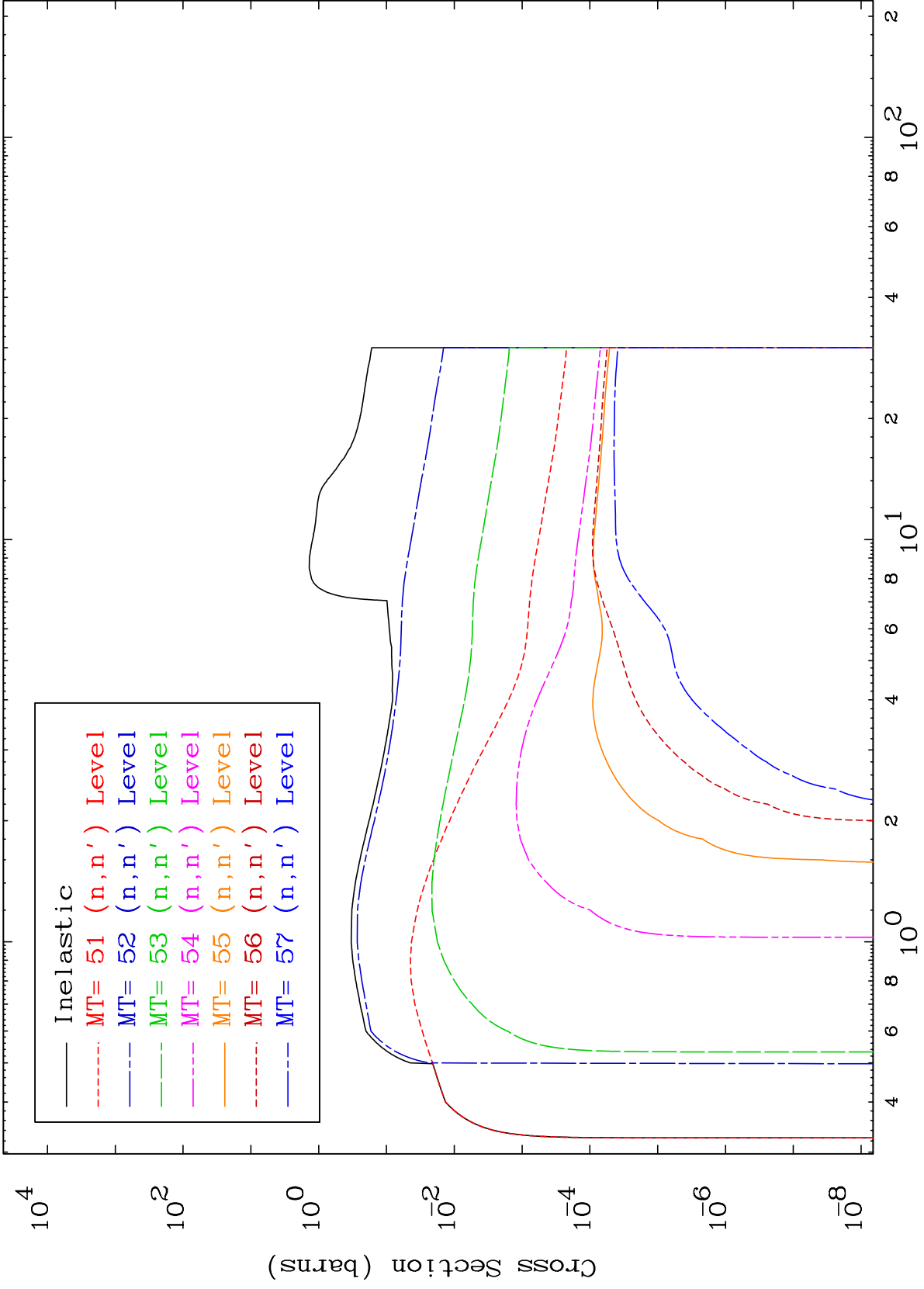




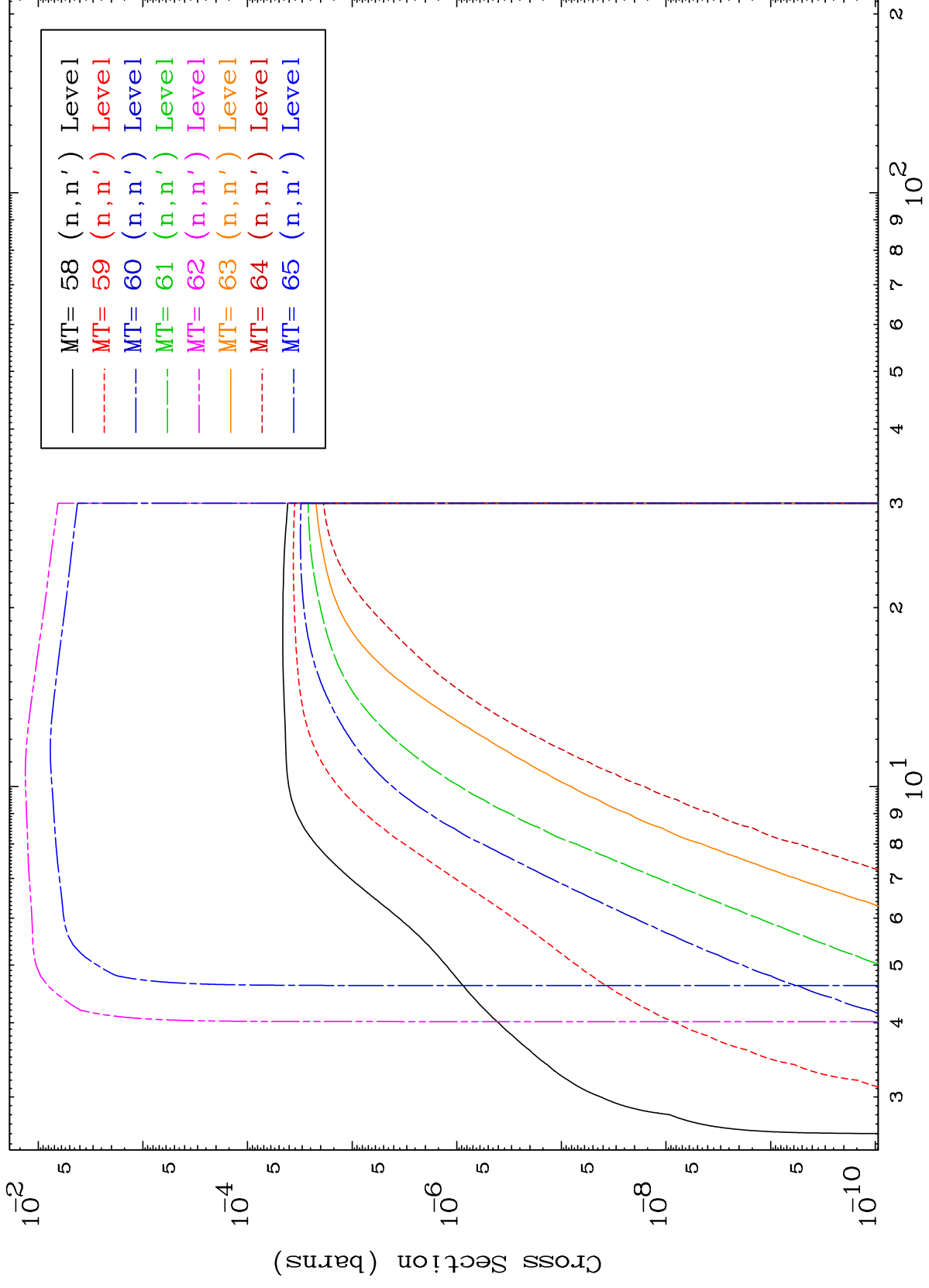
MAT 6992

293 Kelvin Cross Sections

70-Yb-157



293 Kelvin Cross Sections

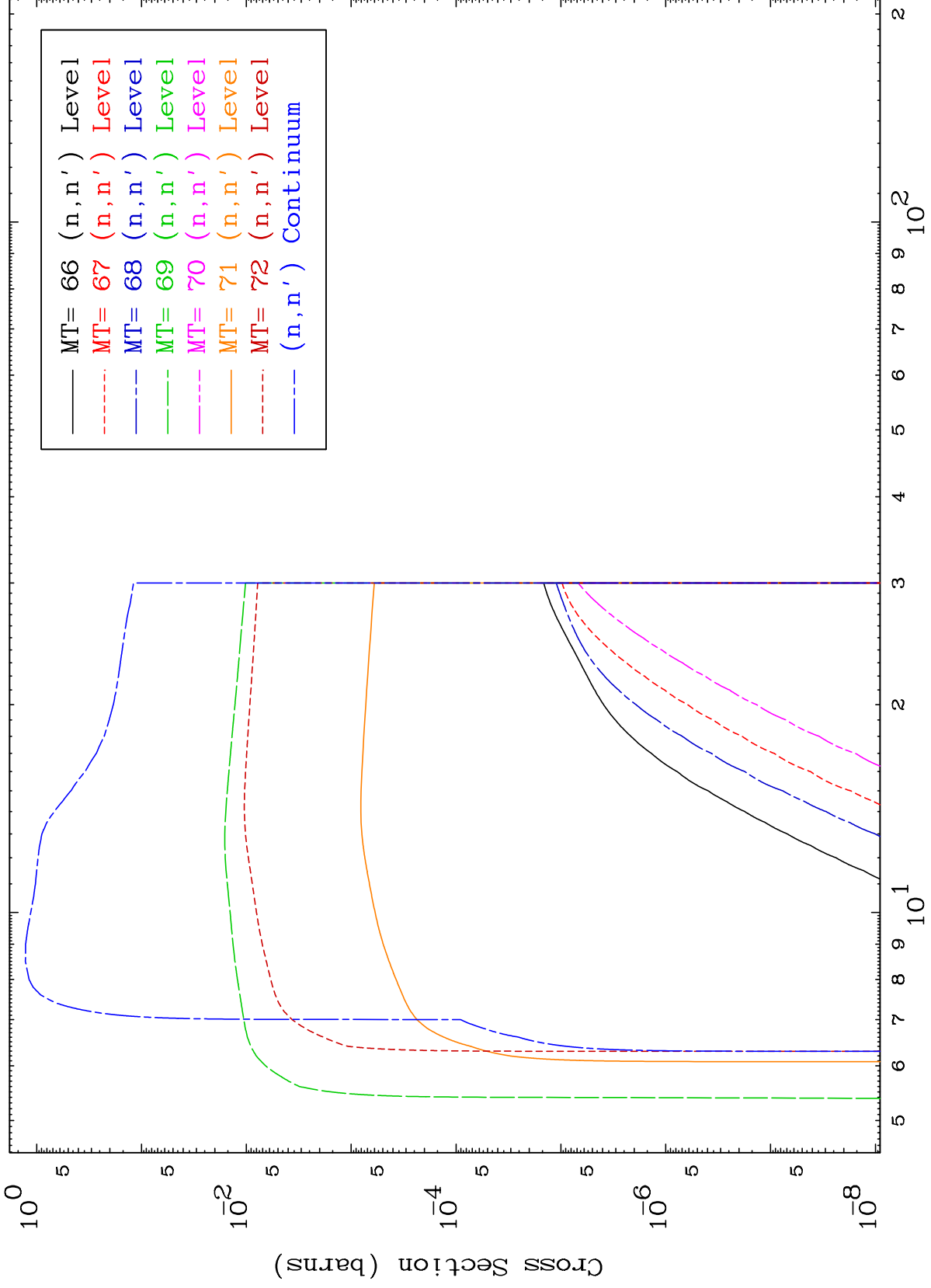


MAT 6992

(n,n') Level

70-Yb-157

293 Kelvin Cross Sections



Incident Energy (MeV)

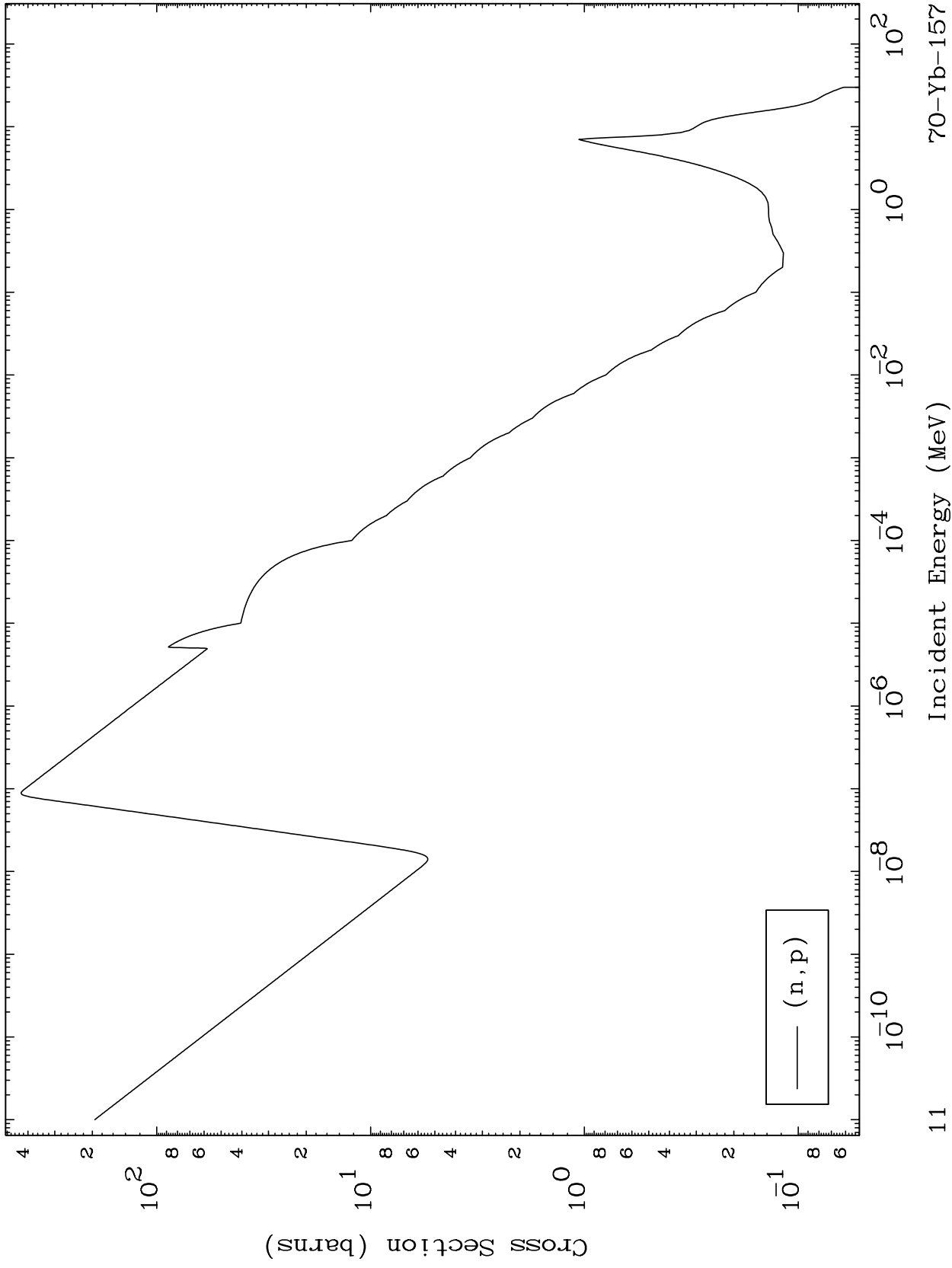
70-Yb-157

10

MAT 6992

(n,p) Levels
293 Kelvin Cross Sections

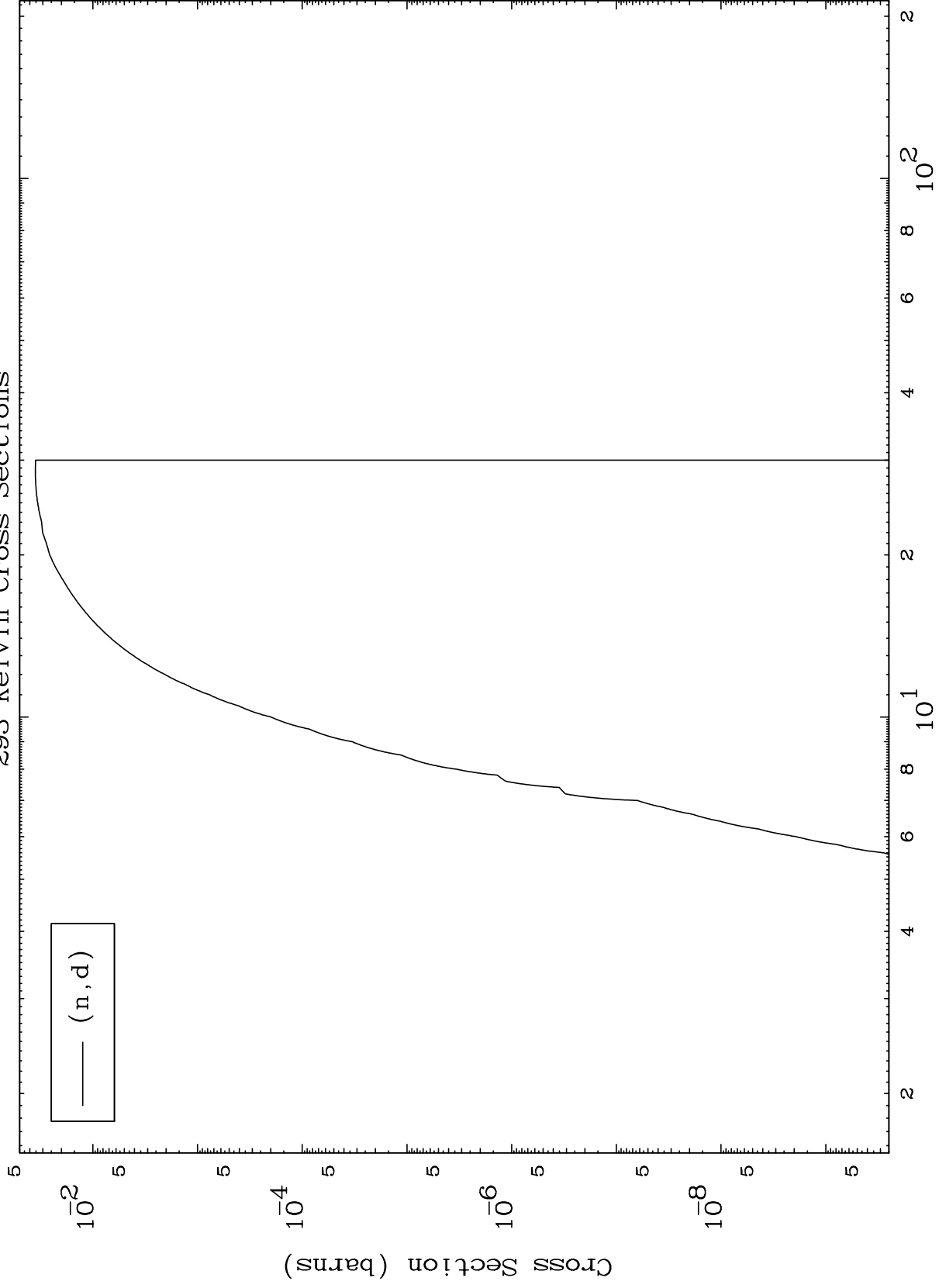
70-Yb-157



MAT 6992

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-157



12

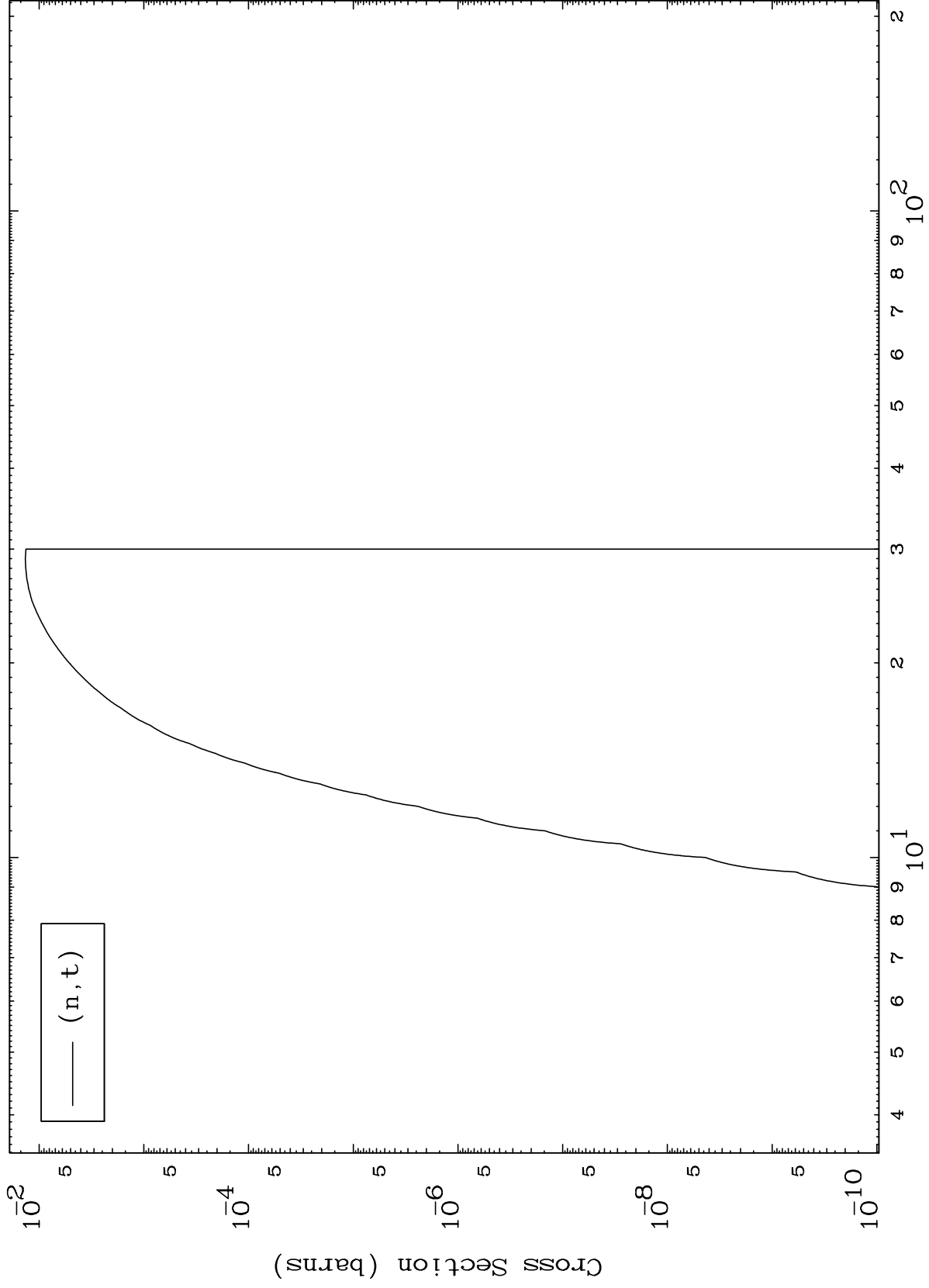
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70-Yb-157

MAT 6992

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-157



13

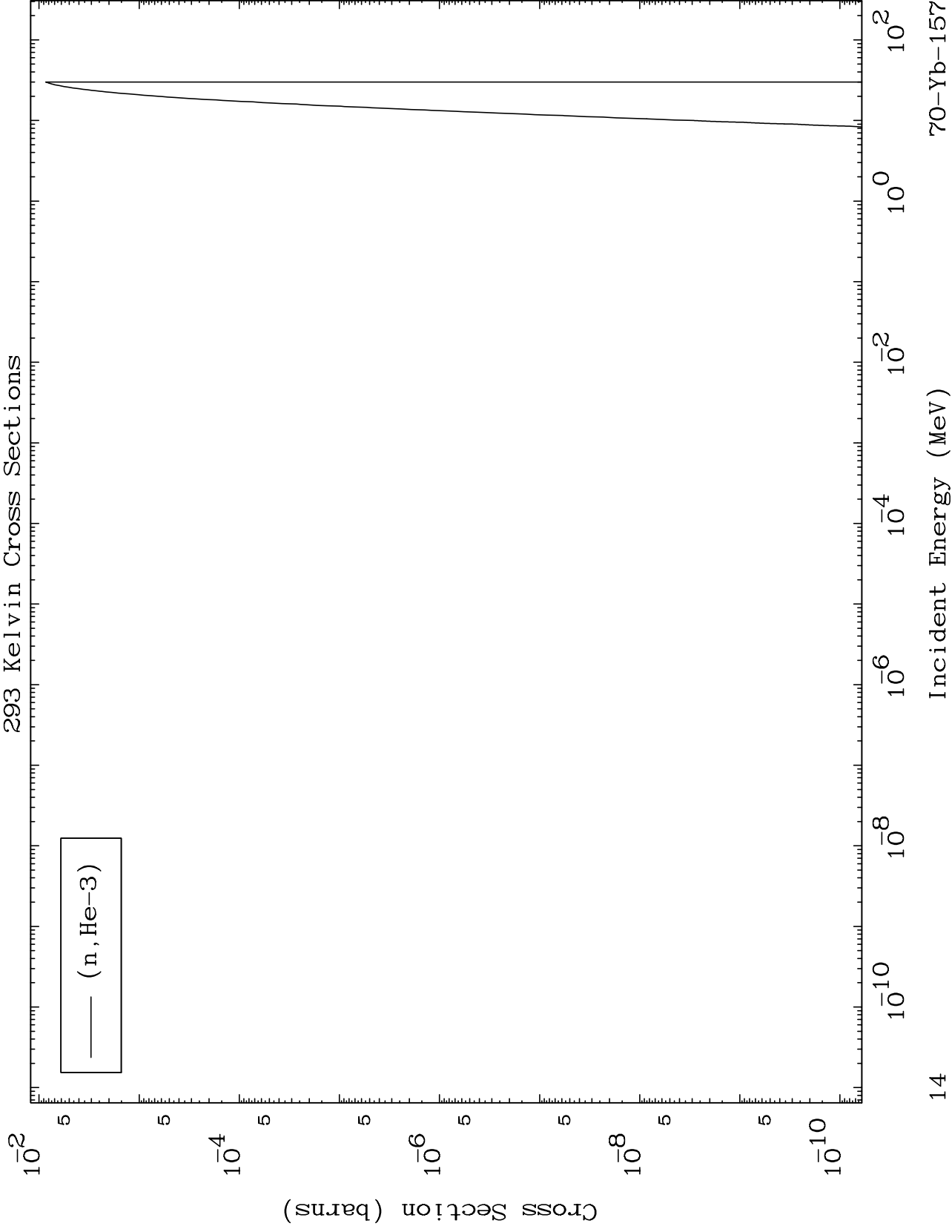
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70-Yb-157

MAT 6992

(n,He3) Levels
293 Kelvin Cross Sections

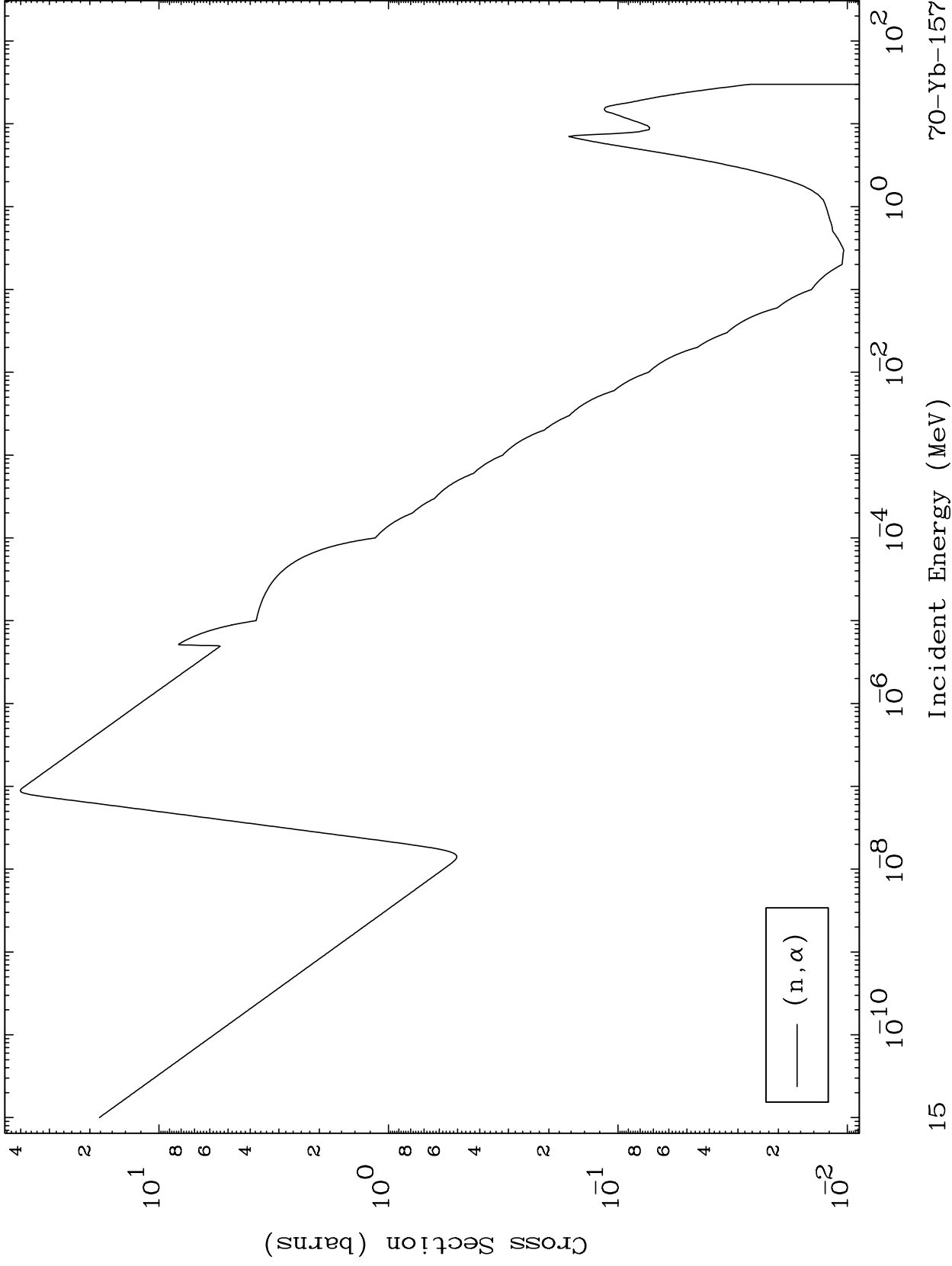
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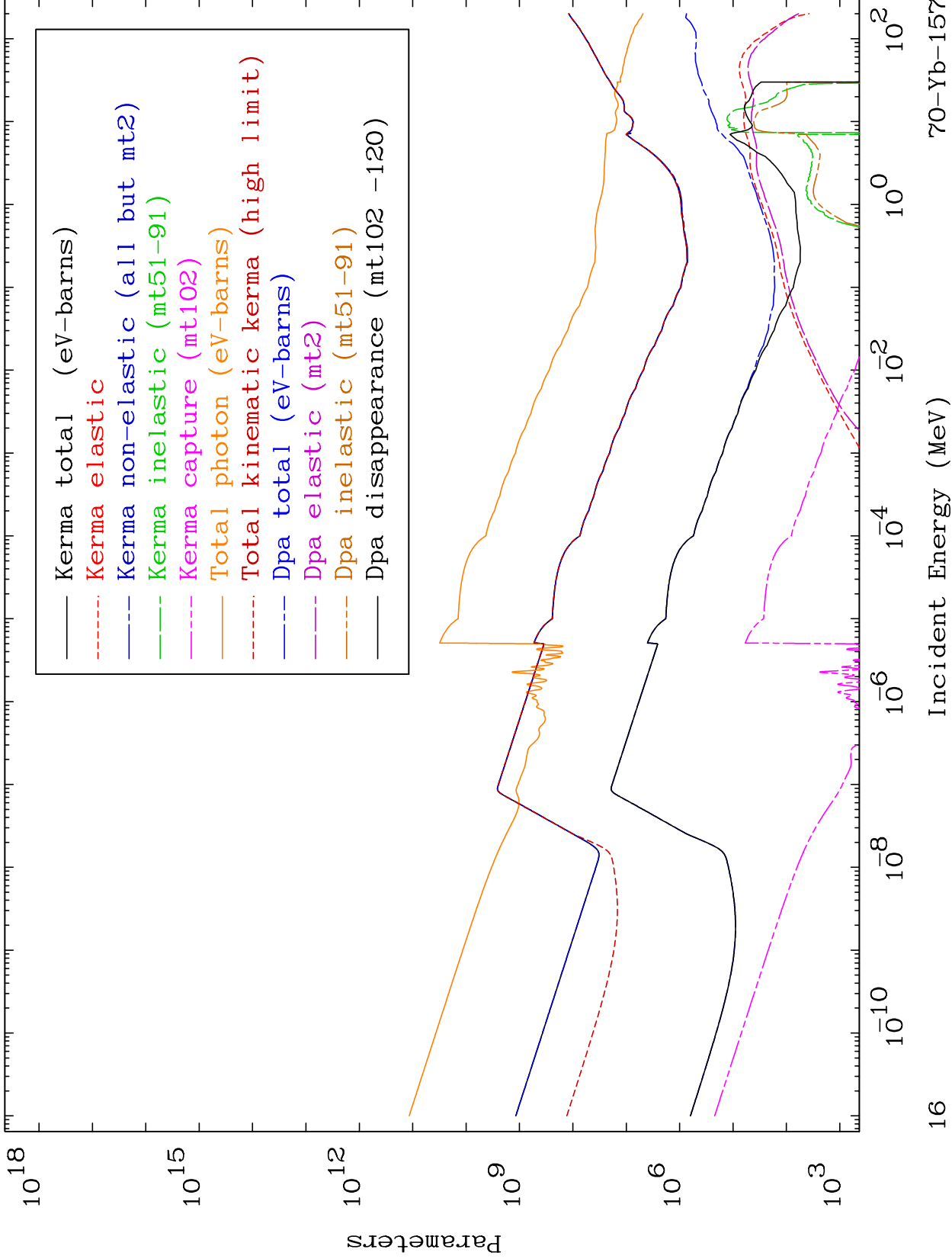


MAT 6992

(n, α) Levels
293 Kelvin Cross Sections

70-Yb-157

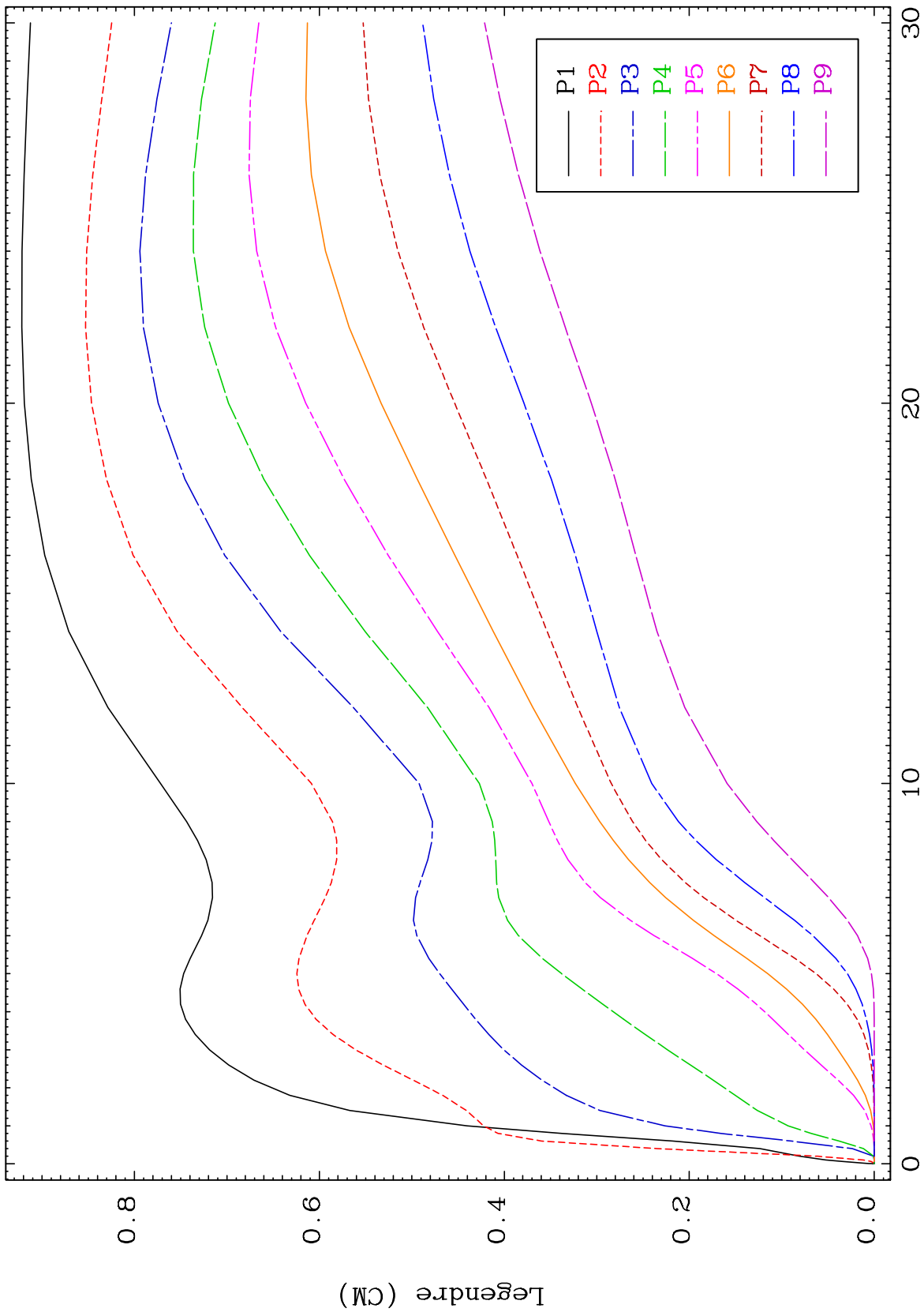




MAT 6992

Elastic Legendre Coefficients

70-Yb-157



17

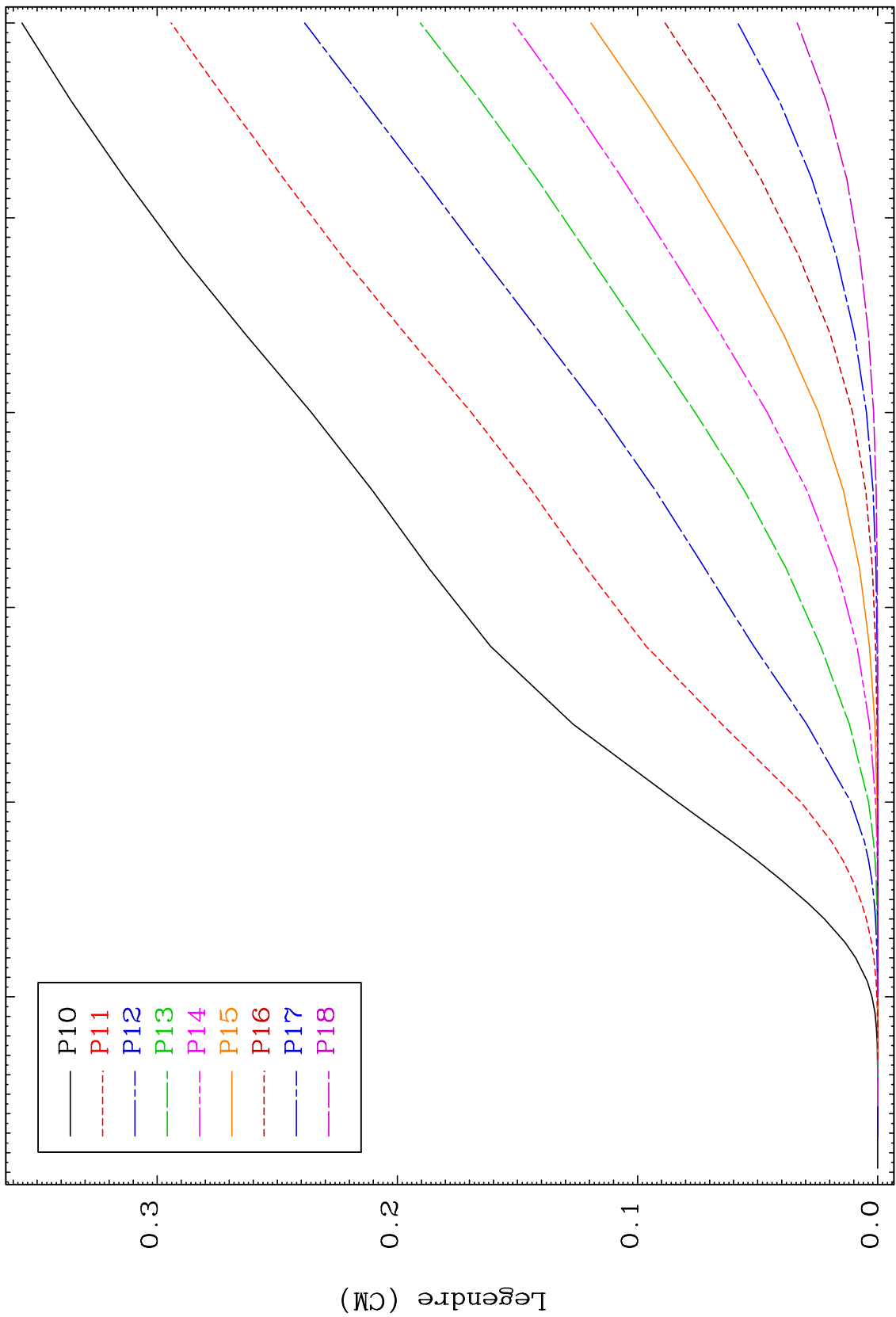
Incident Energy (MeV)

70-Yb-157

MAT 6992

Elastic Legendre Coefficients

70-Yb-157



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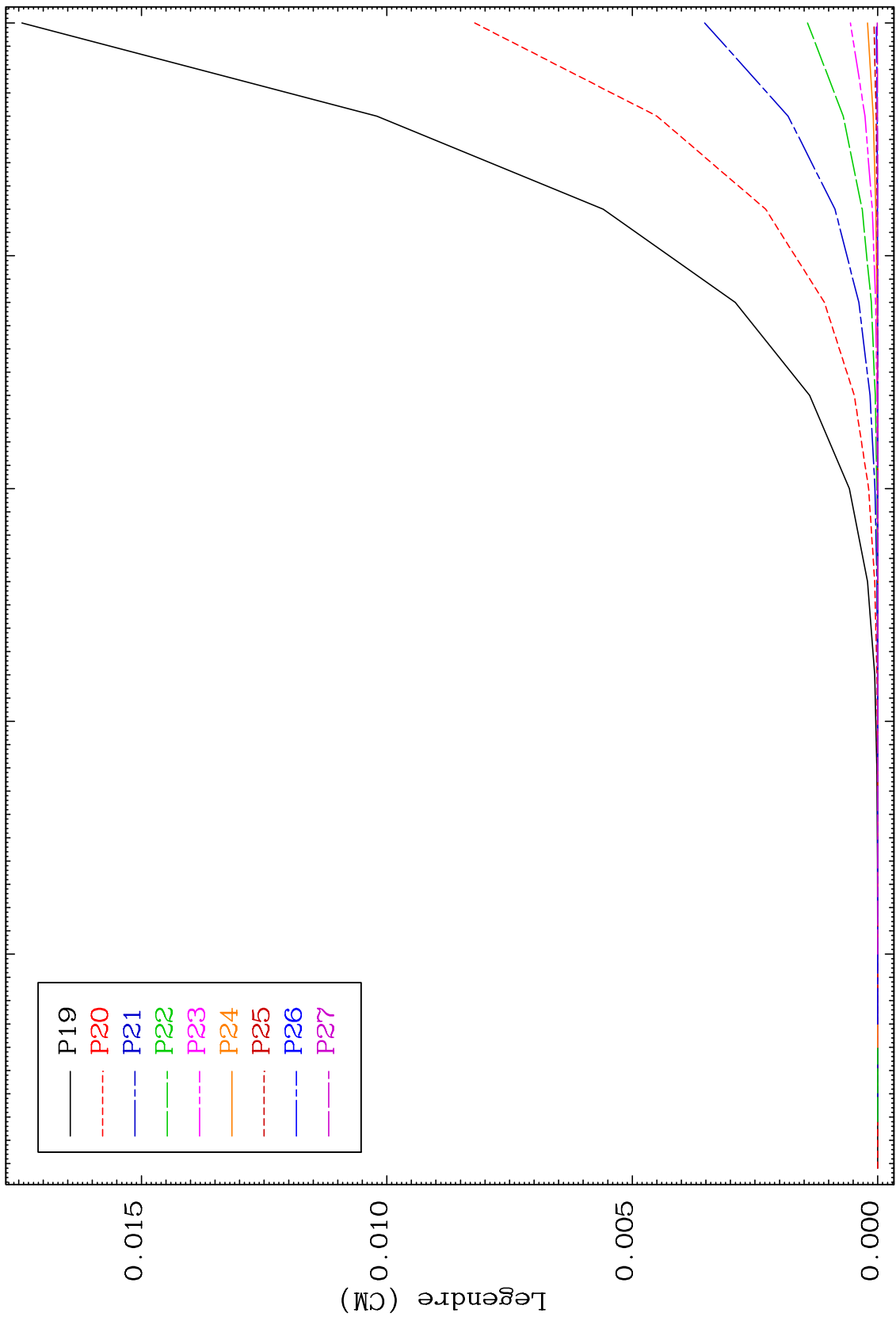
Incident Energy (MeV)

70-Yb-157

MAT 6992

Elastic Legendre Coefficients

70-Yb-157



19

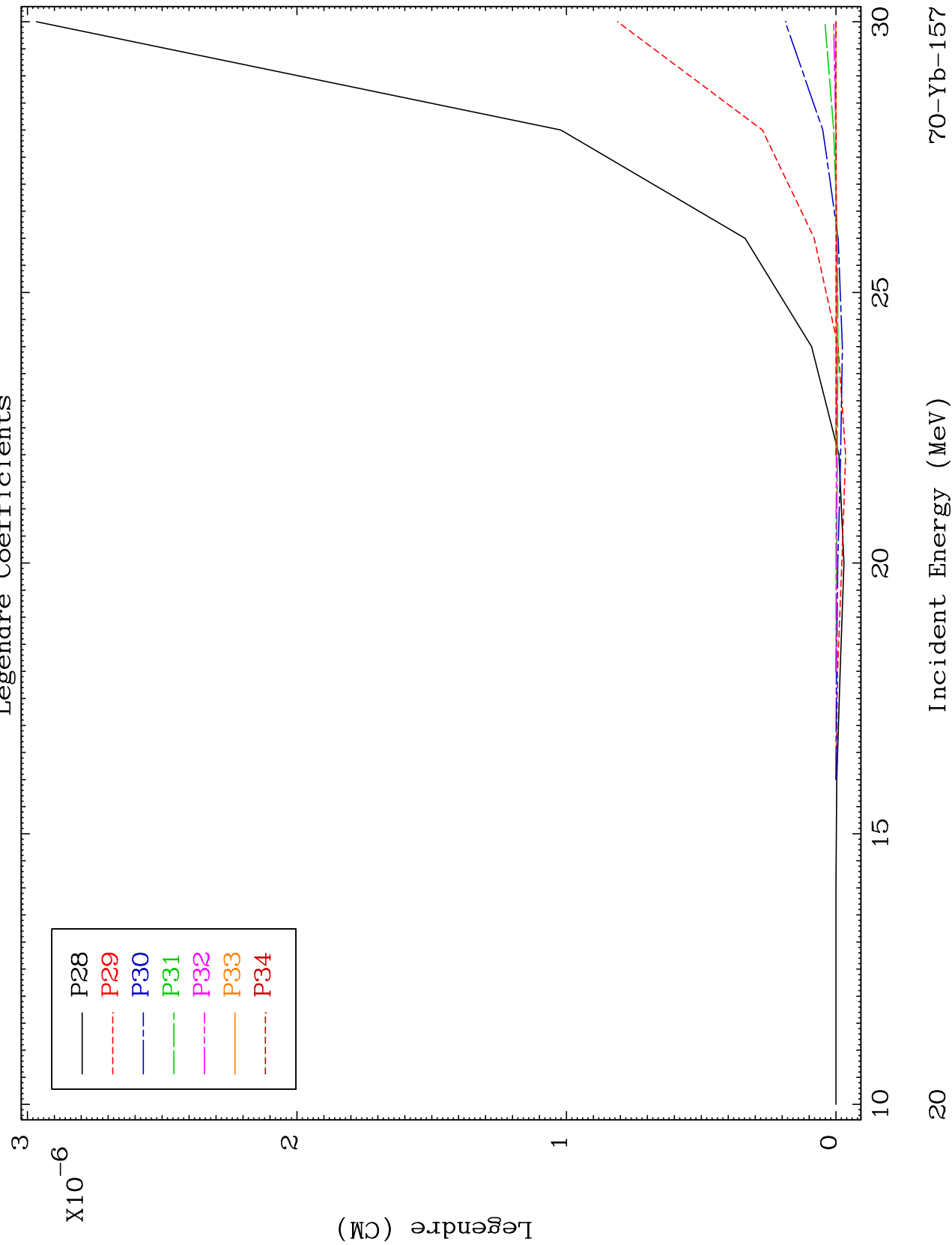
70-Yb-157

Incident Energy (MeV)

MAT 6992

Elastic Legendre Coefficients

70-Yb-157



70-Yb-157

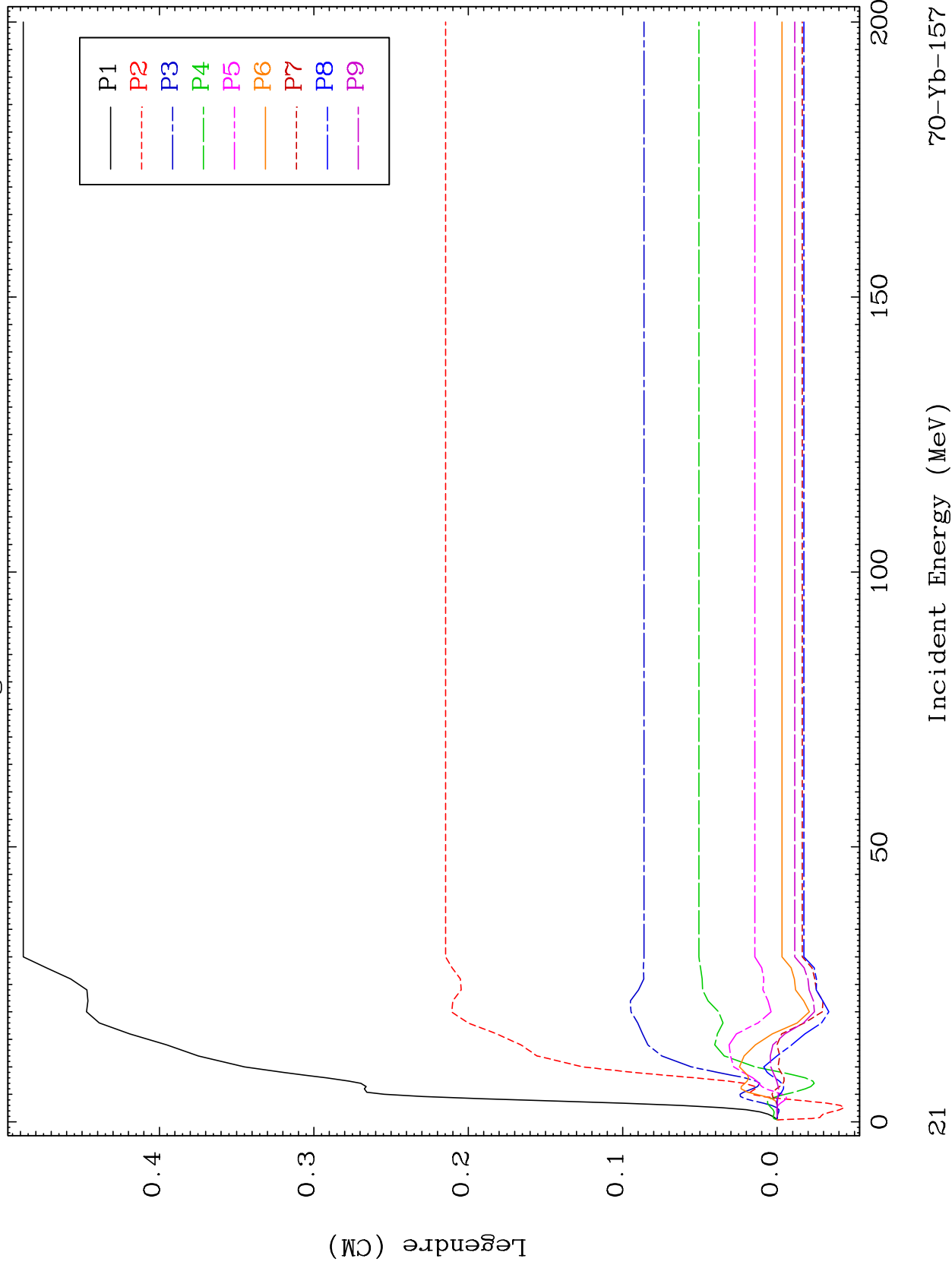
Incident Energy (MeV)

20

MAT 6992

MT= 51 (n,n') Level
Legendre Coefficients

70-Yb-157



21

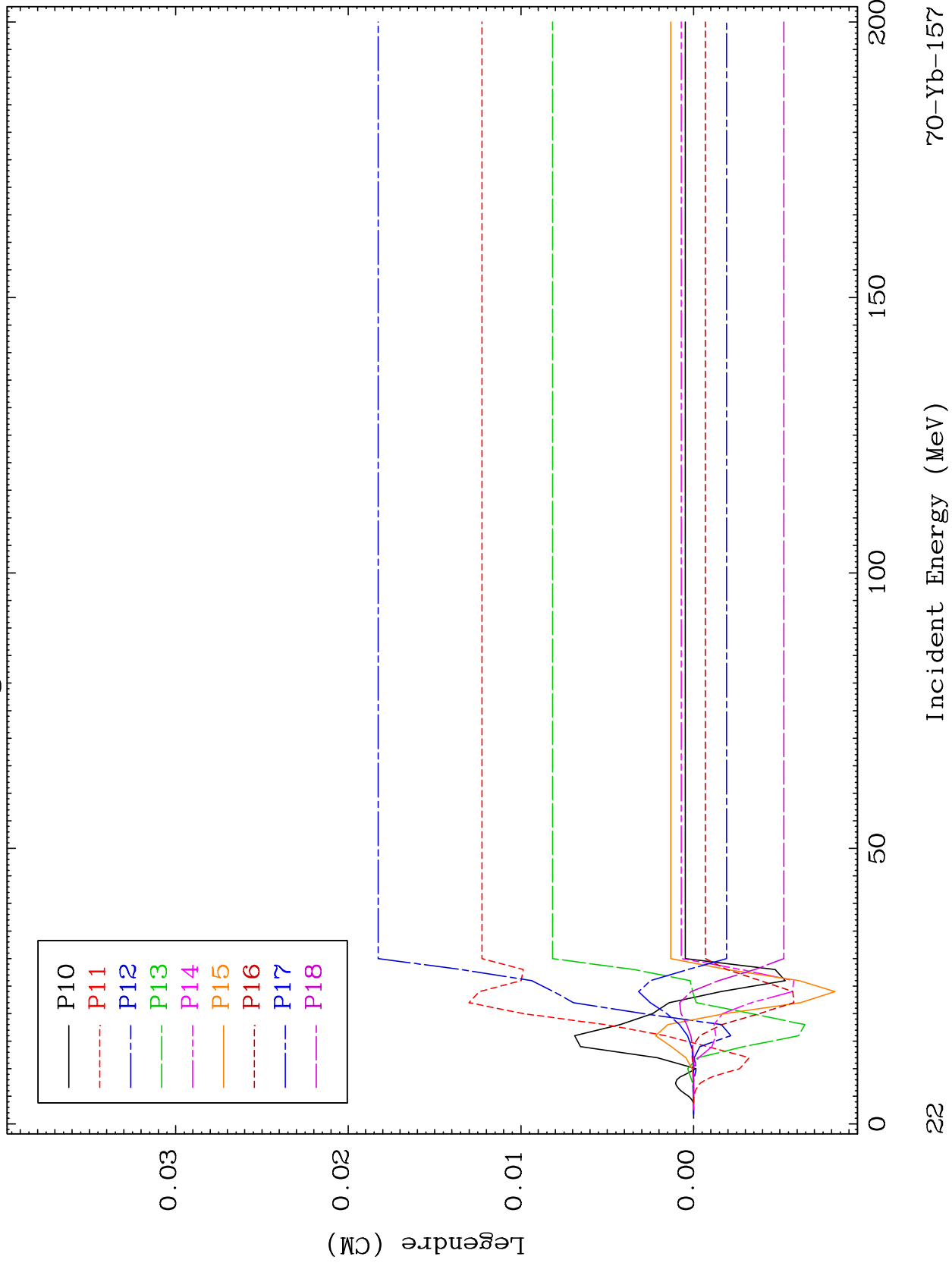
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 51 (n,n') Level
Legendre Coefficients

70-Yb-157

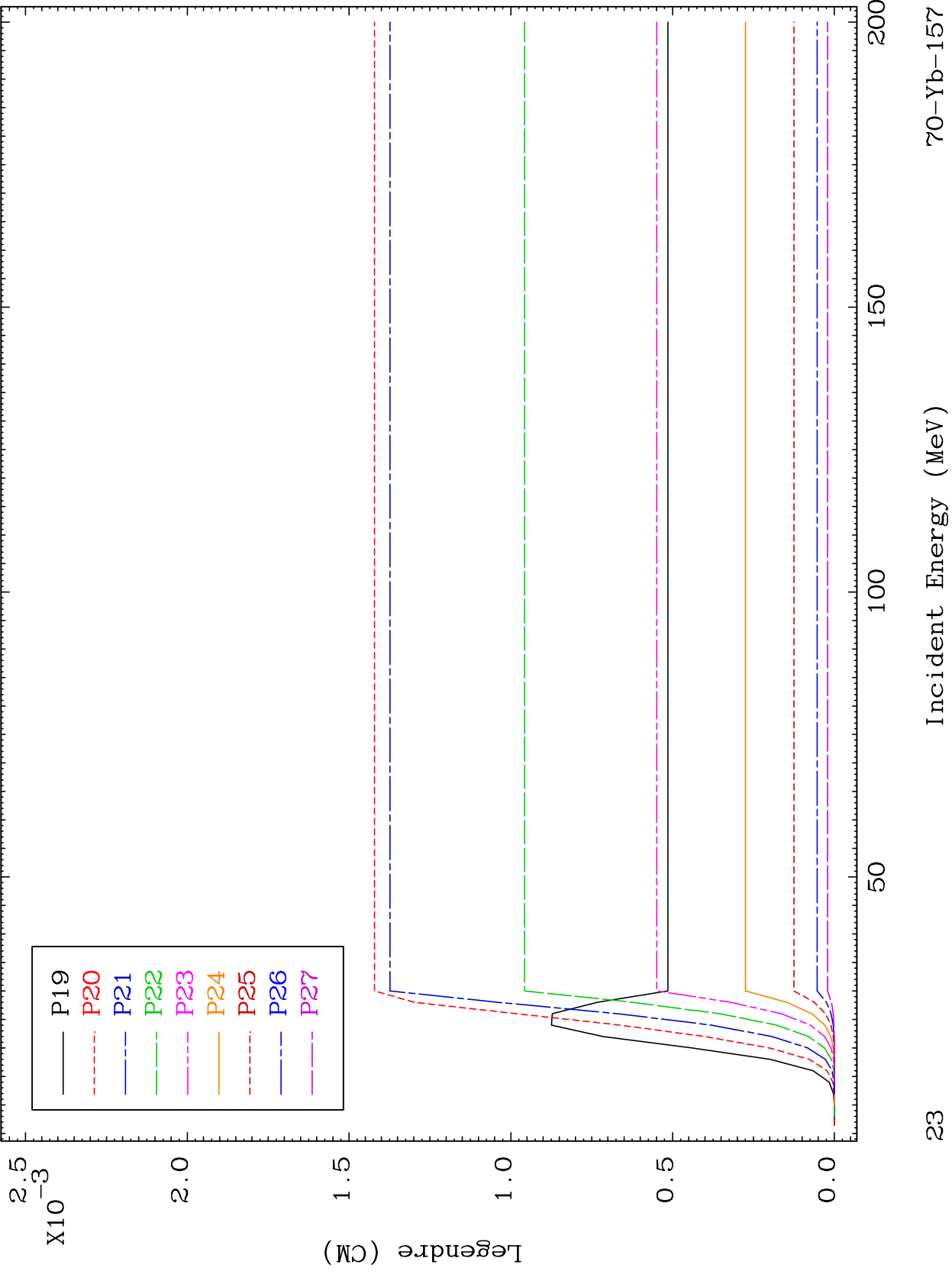


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MAT 6992

MT= 51 (n,n') Level
Legendre Coefficients

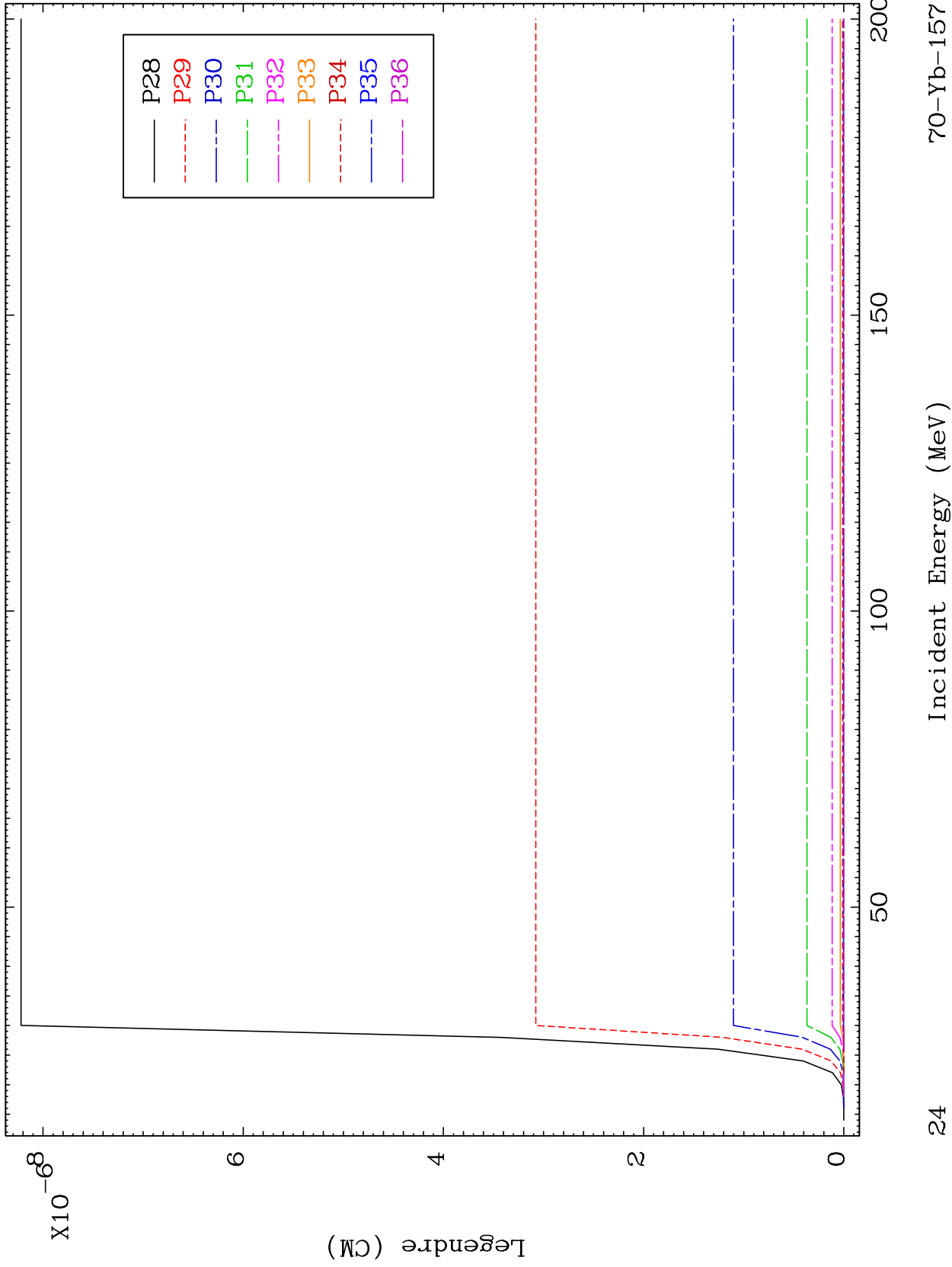
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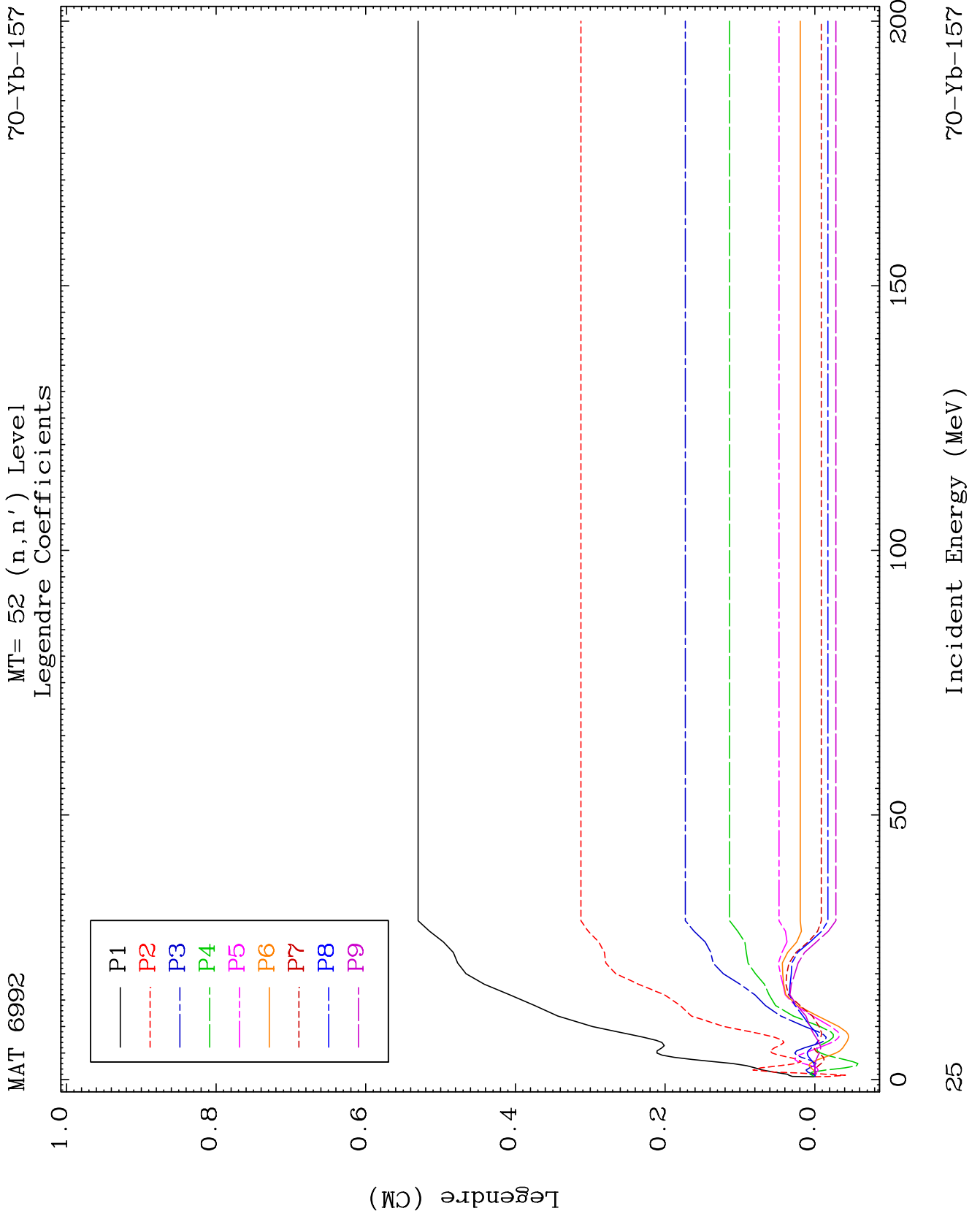


MAT 6992

MT= 51 (n,n') Level
Legendre Coefficients

70-Yb-157

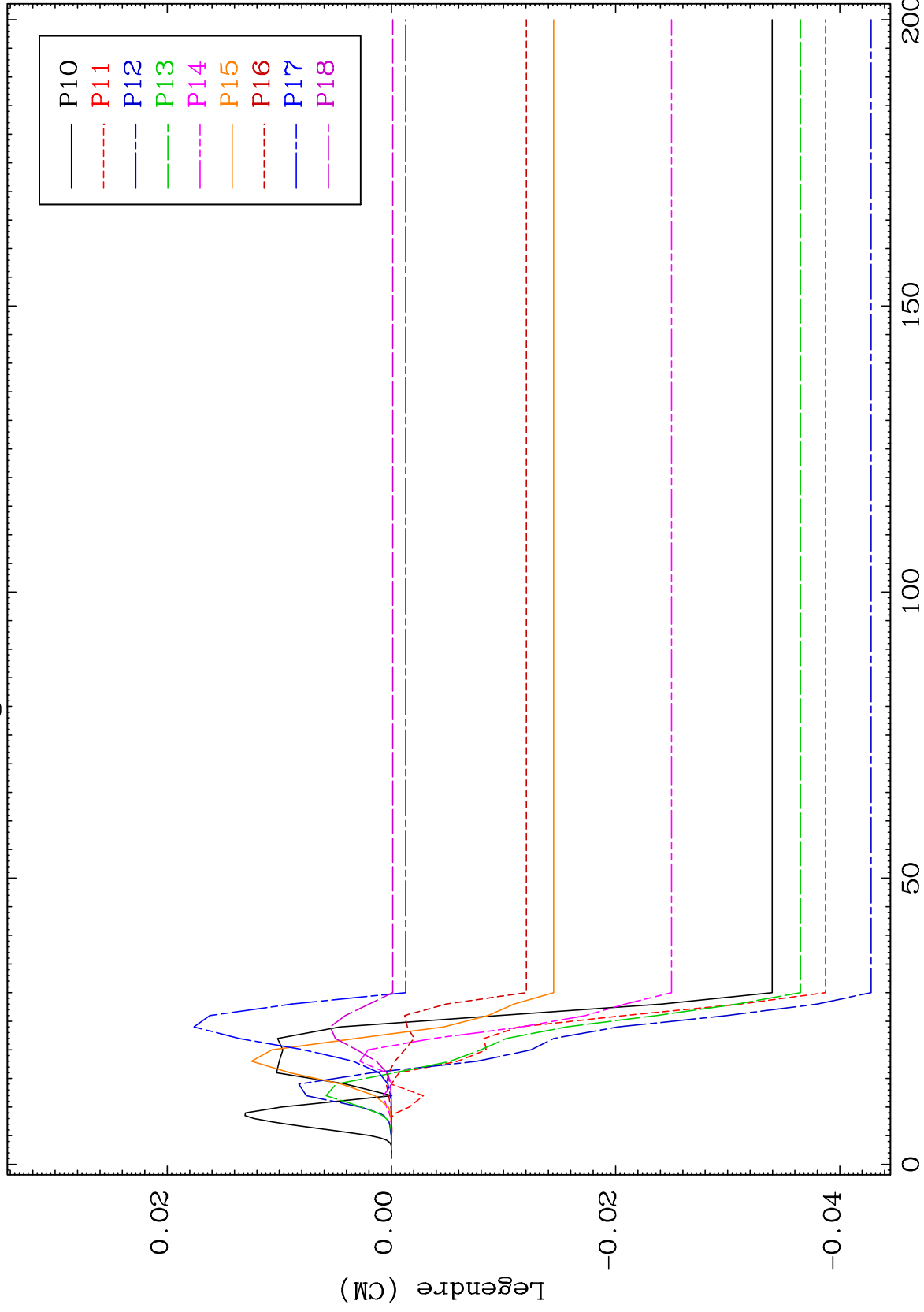




MAT 6992

MT= 52 (n,n') Level
Legendre Coefficients

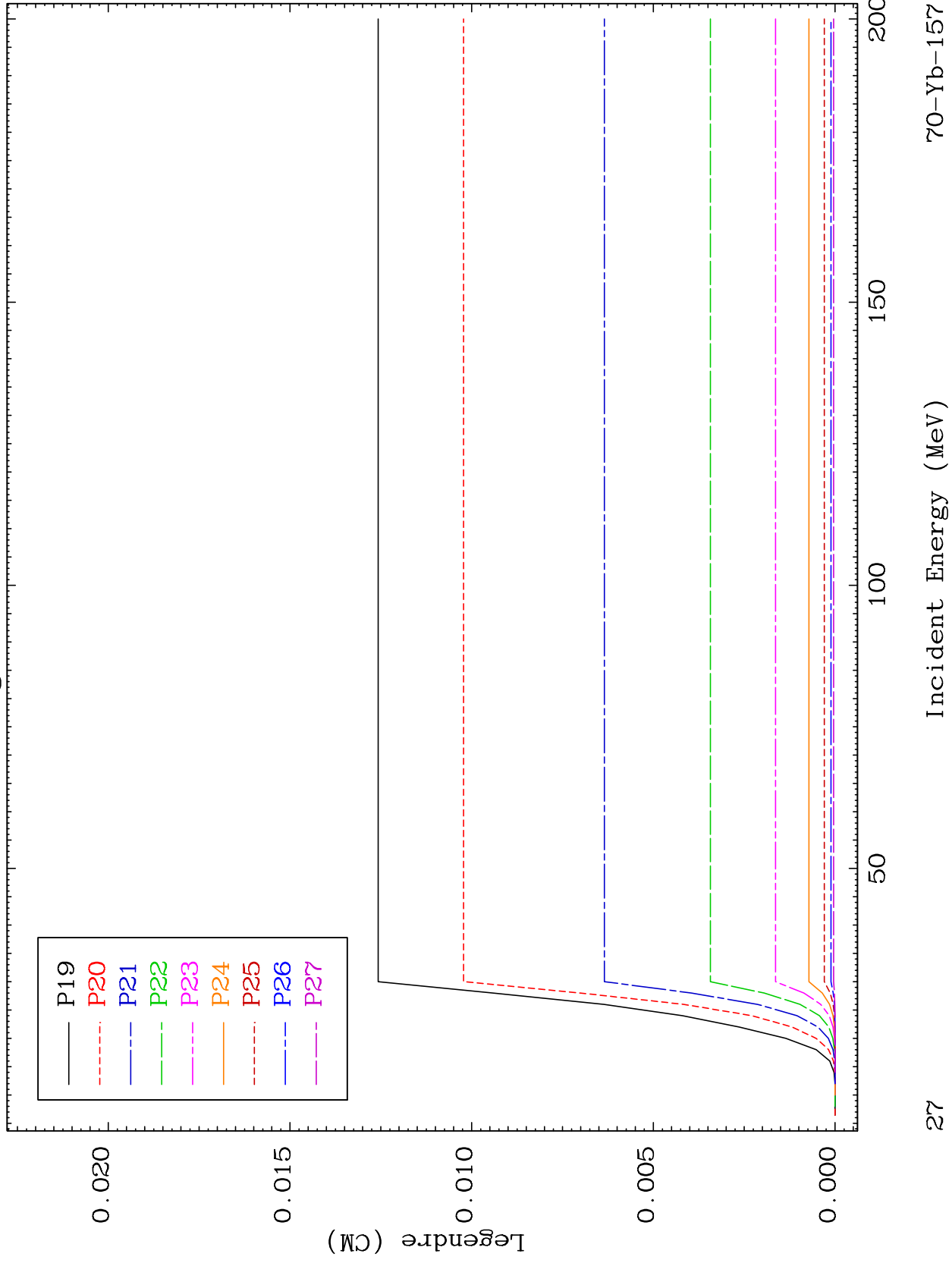
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26

Incident Energy (MeV)

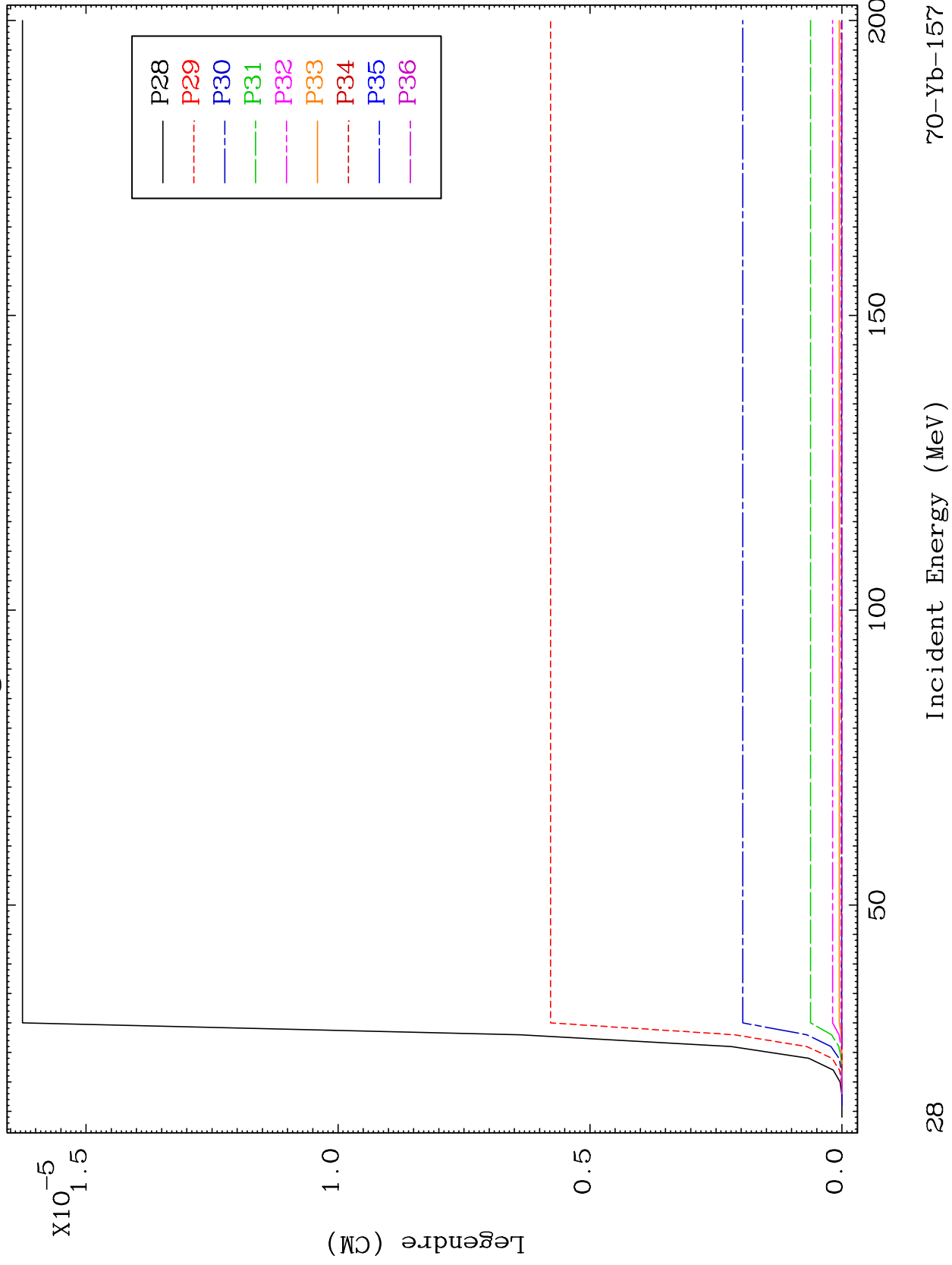
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MAT 6992

MT= 52 (n,n') Level
Legendre Coefficients

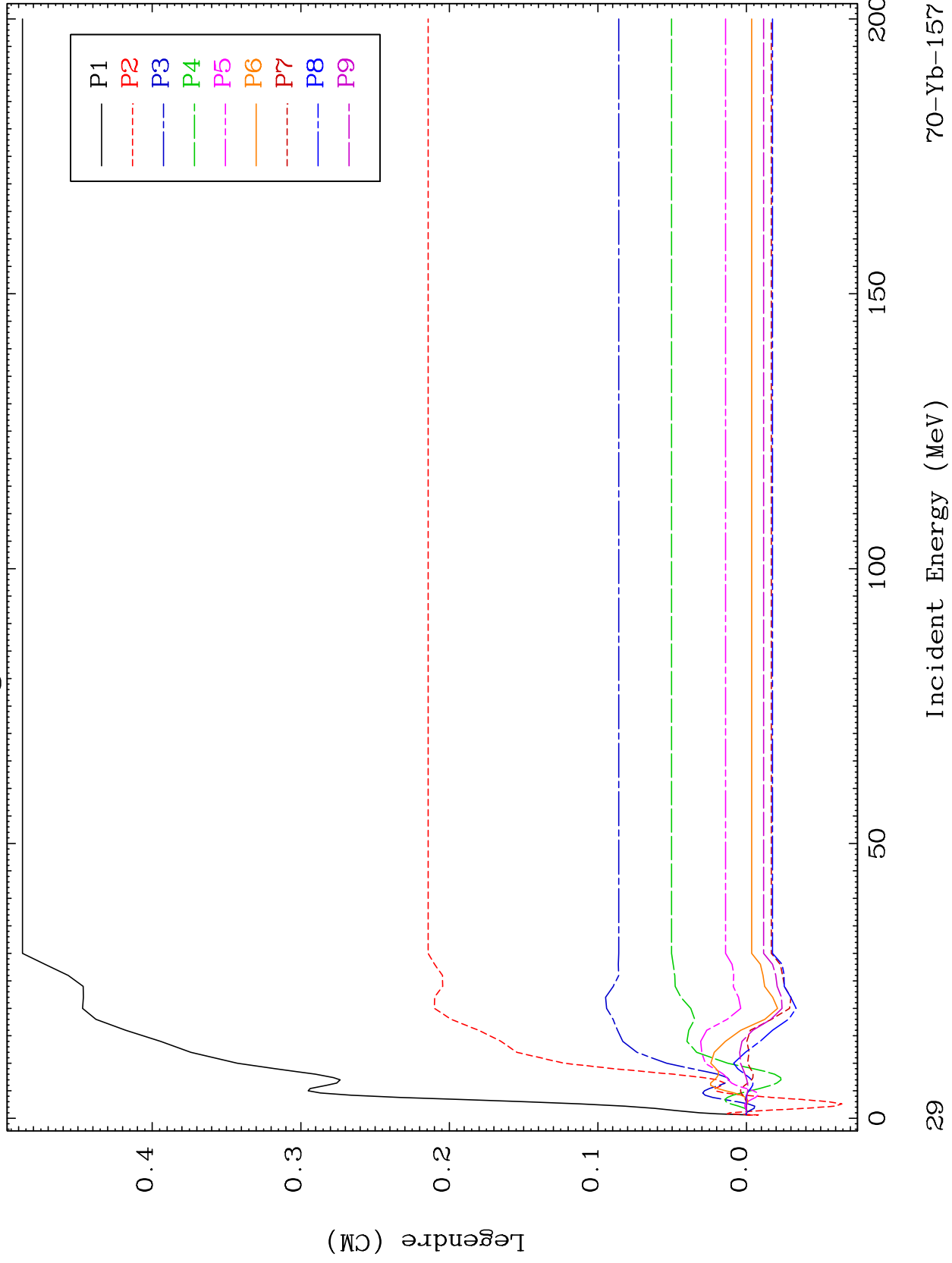
70-Yb-157



MAT 6992

MT= 53 (n,n') Level
Legendre Coefficients

70-Yb-157



29

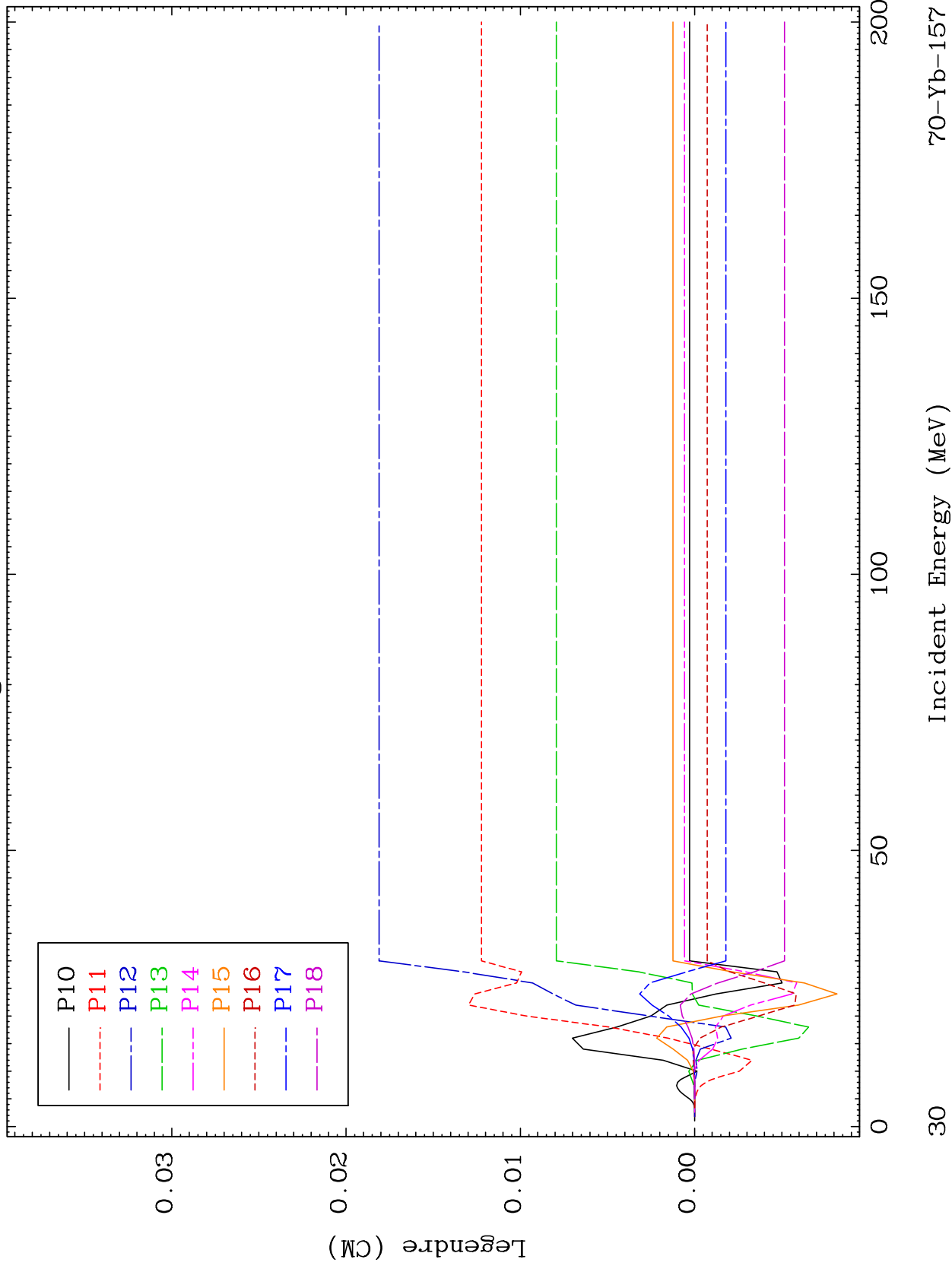
Incident Energy (MeV)

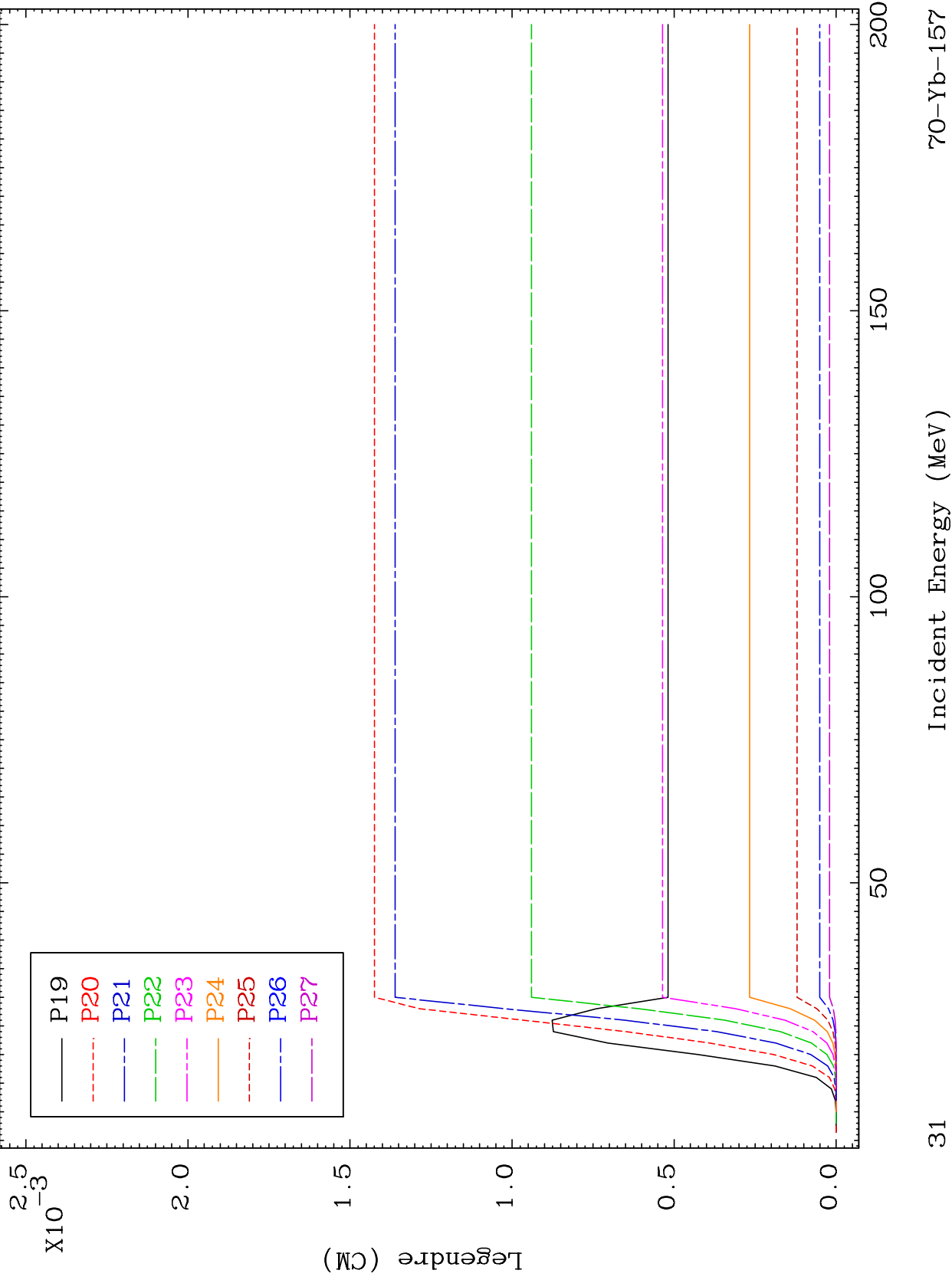
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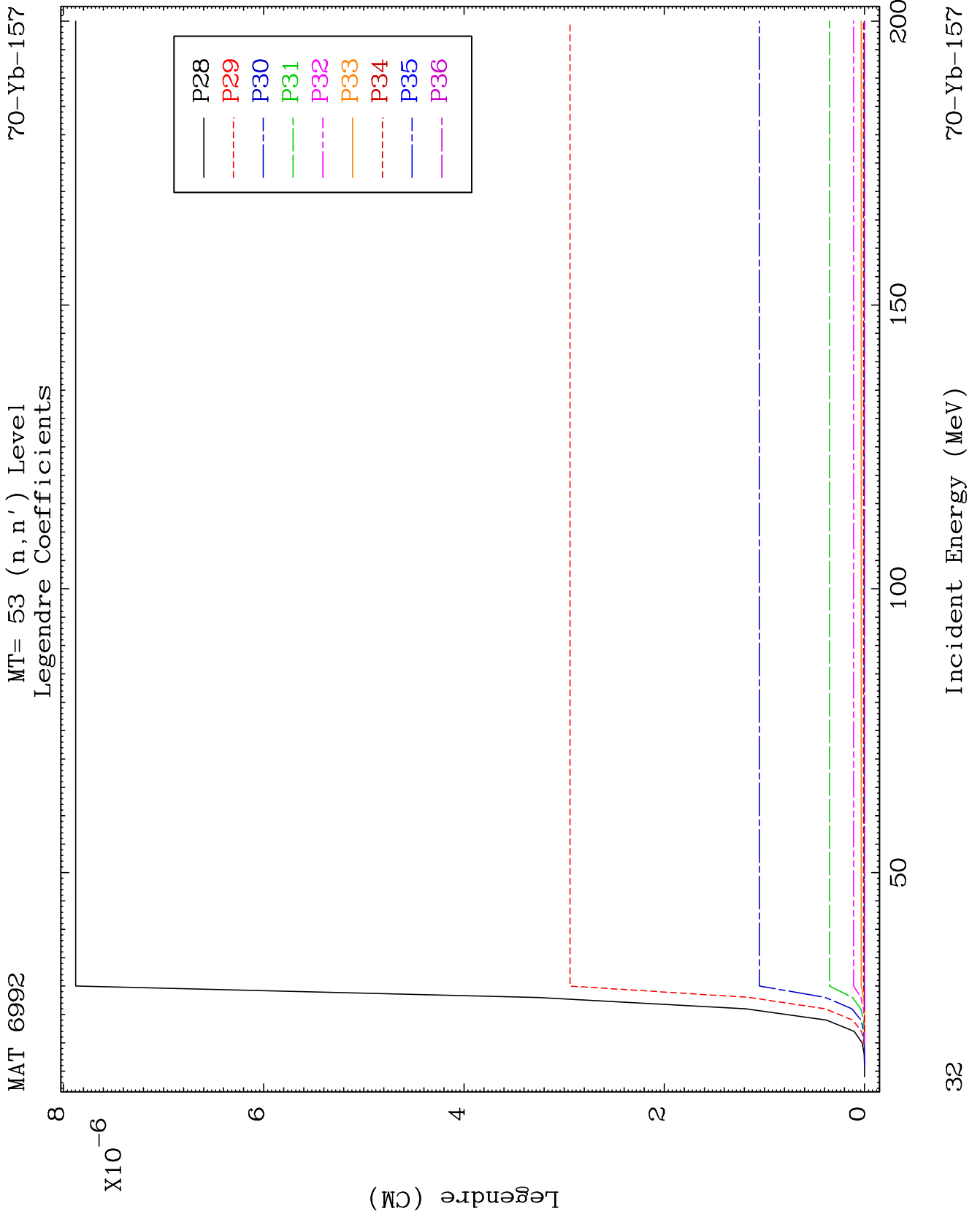
MAT 6992

MT= 53 (n,n') Level
Legendre Coefficients

70-Yb-157





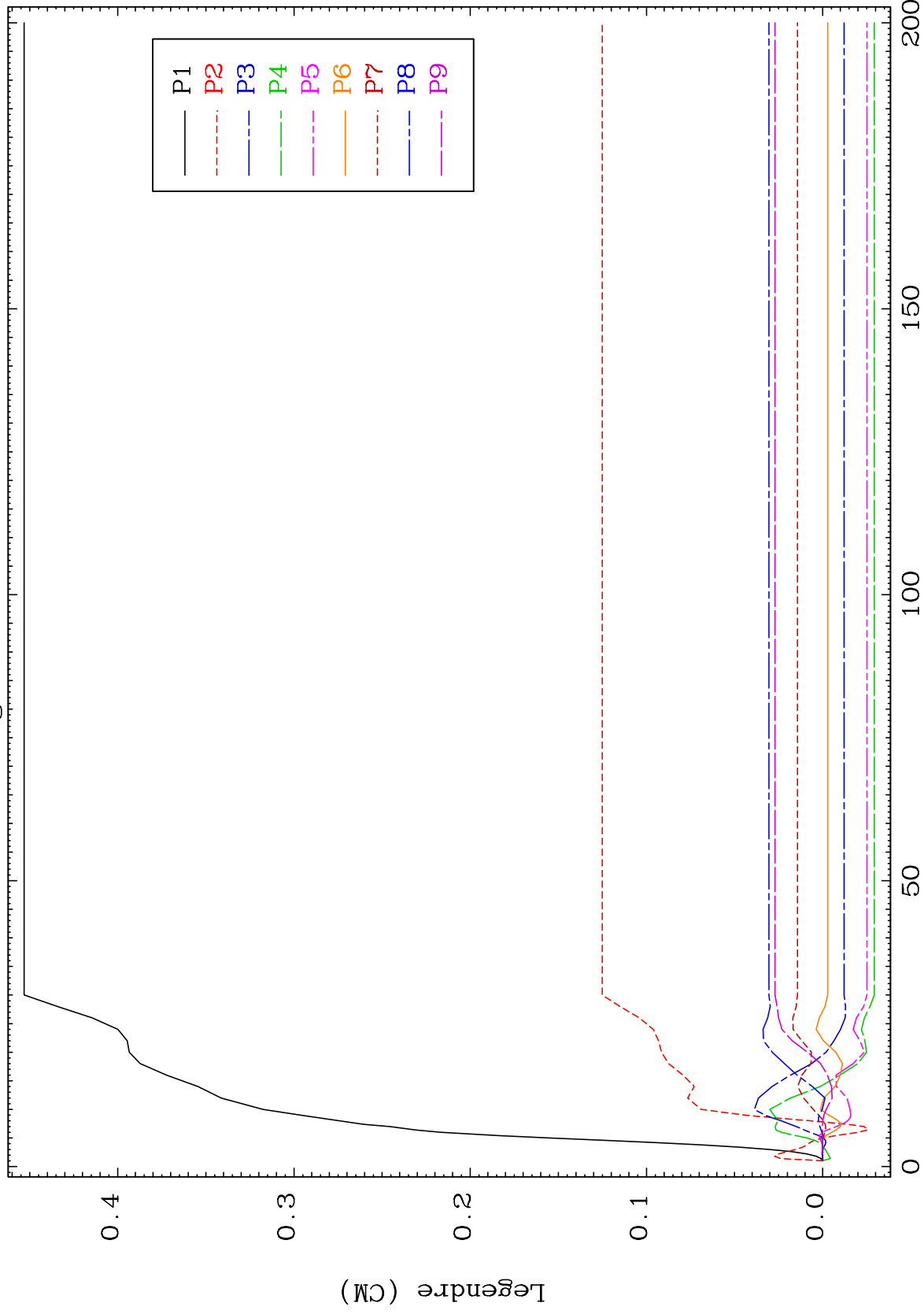


MAT 6992

MT= 54 (n,n') Level

Legendre Coefficients

70-Yb-157



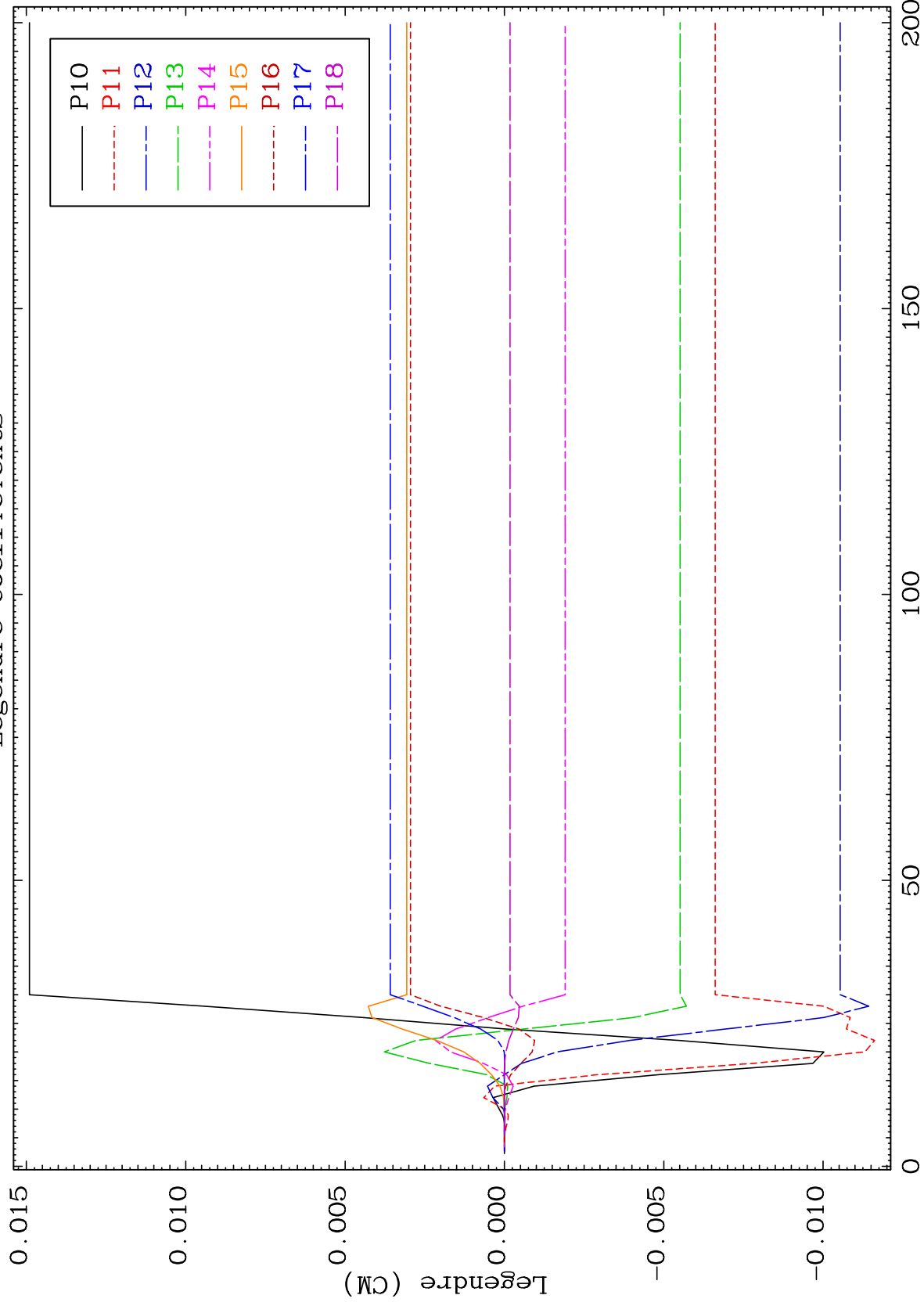
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70-Yb-157

MAT 6992

MT= 54 (n,n') Level
Legendre Coefficients

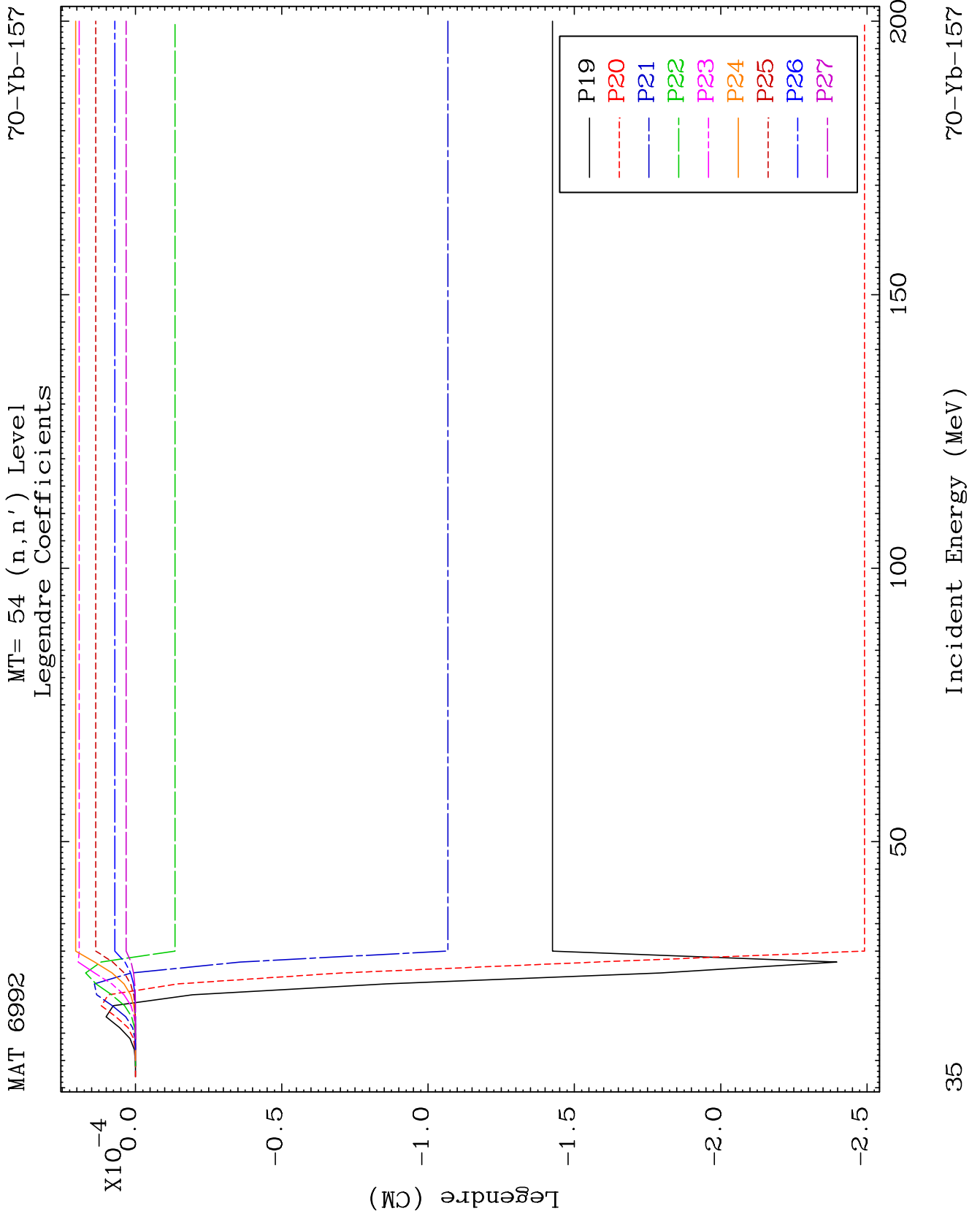
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34

Incident Energy (MeV)

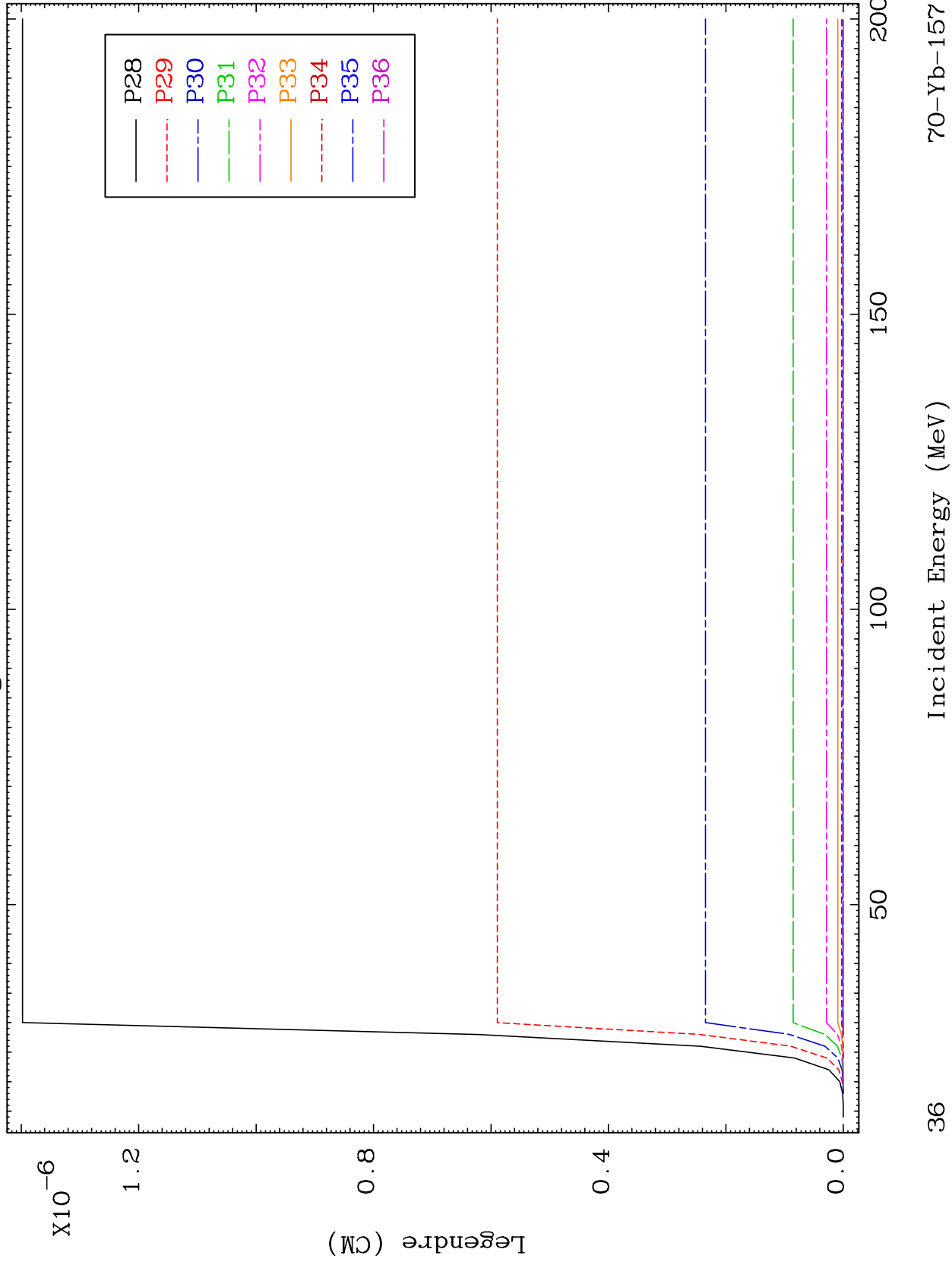
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MAT 6992

MT= 54 (n,n') Level
Legendre Coefficients

70-Yb-157



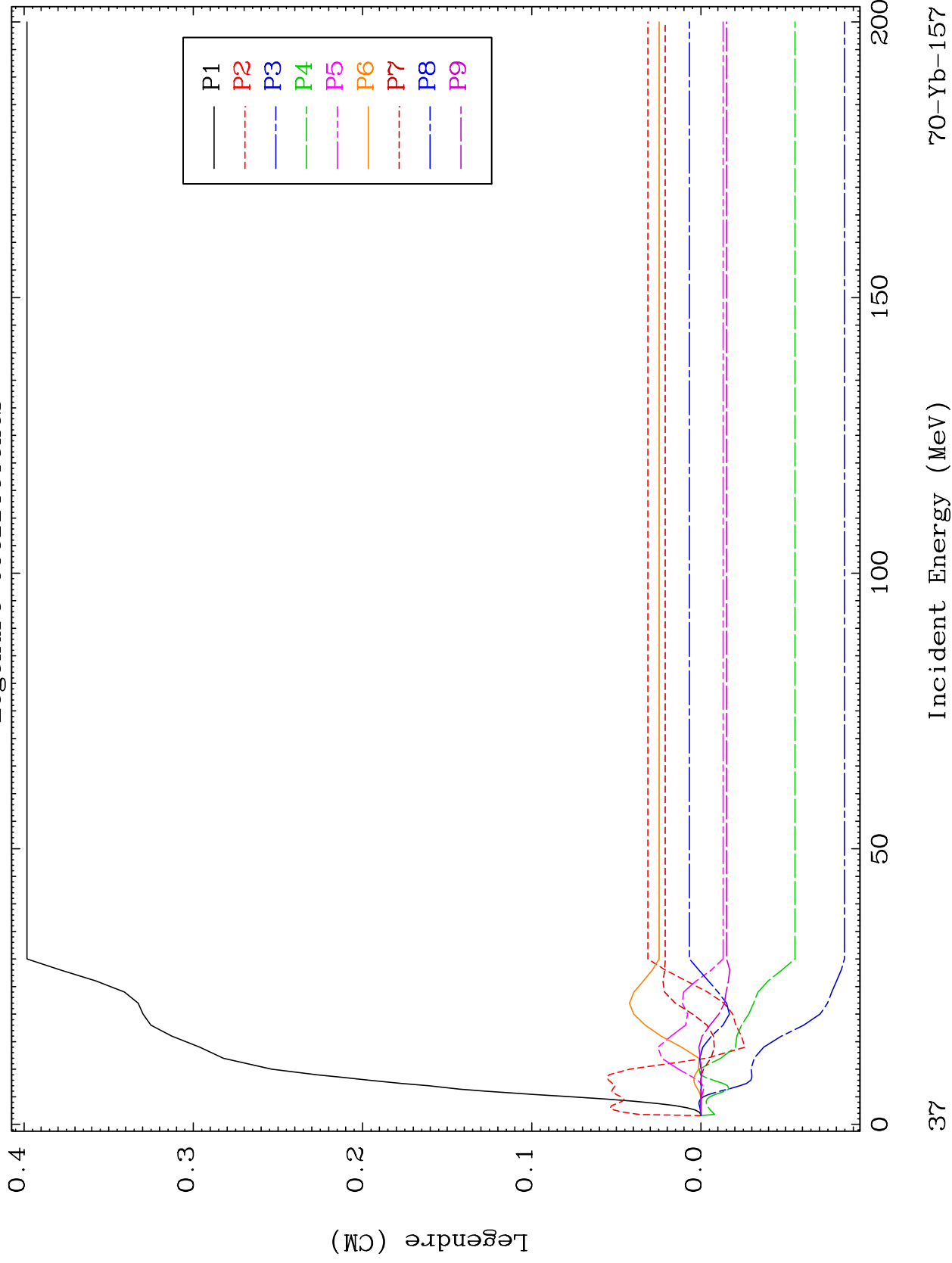
36

200

MAT 6992

MT= 55 (n,n') Level
Legendre Coefficients

70-Yb-157



70-Yb-157

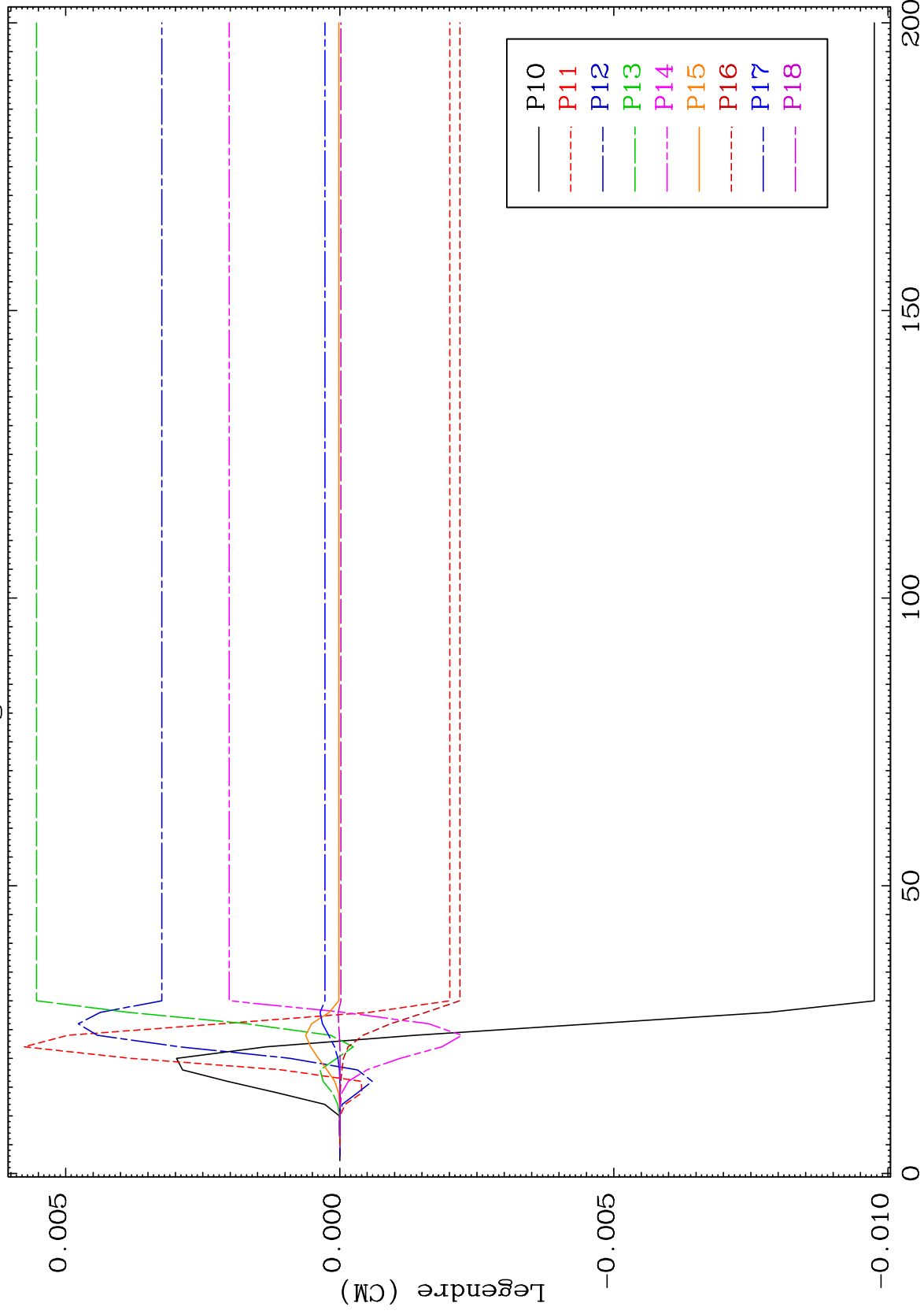
Incident Energy (MeV)

37

MAT 6992

MT= 55 (n,n') Level
Legendre Coefficients

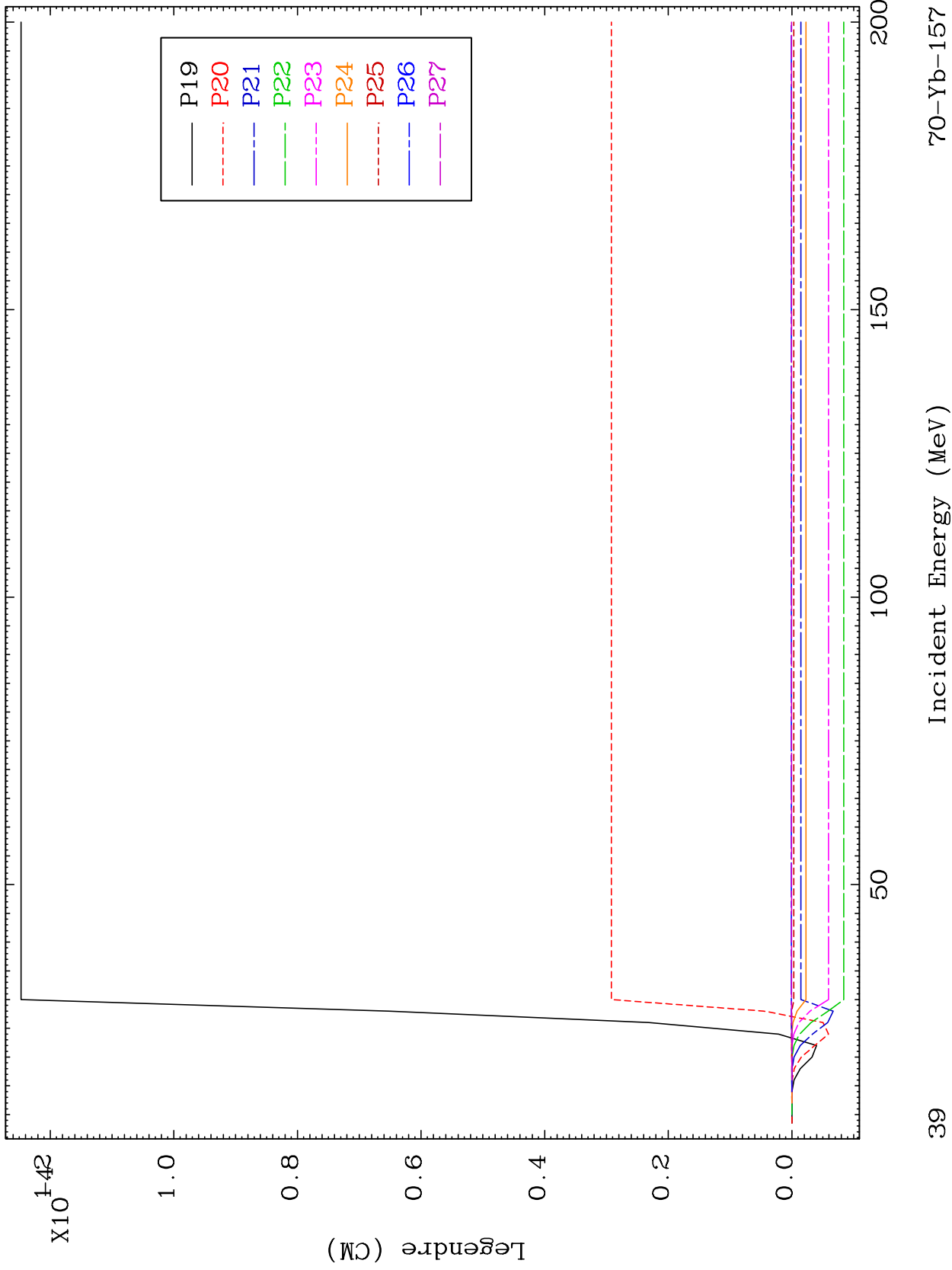
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38

Incident Energy (MeV)

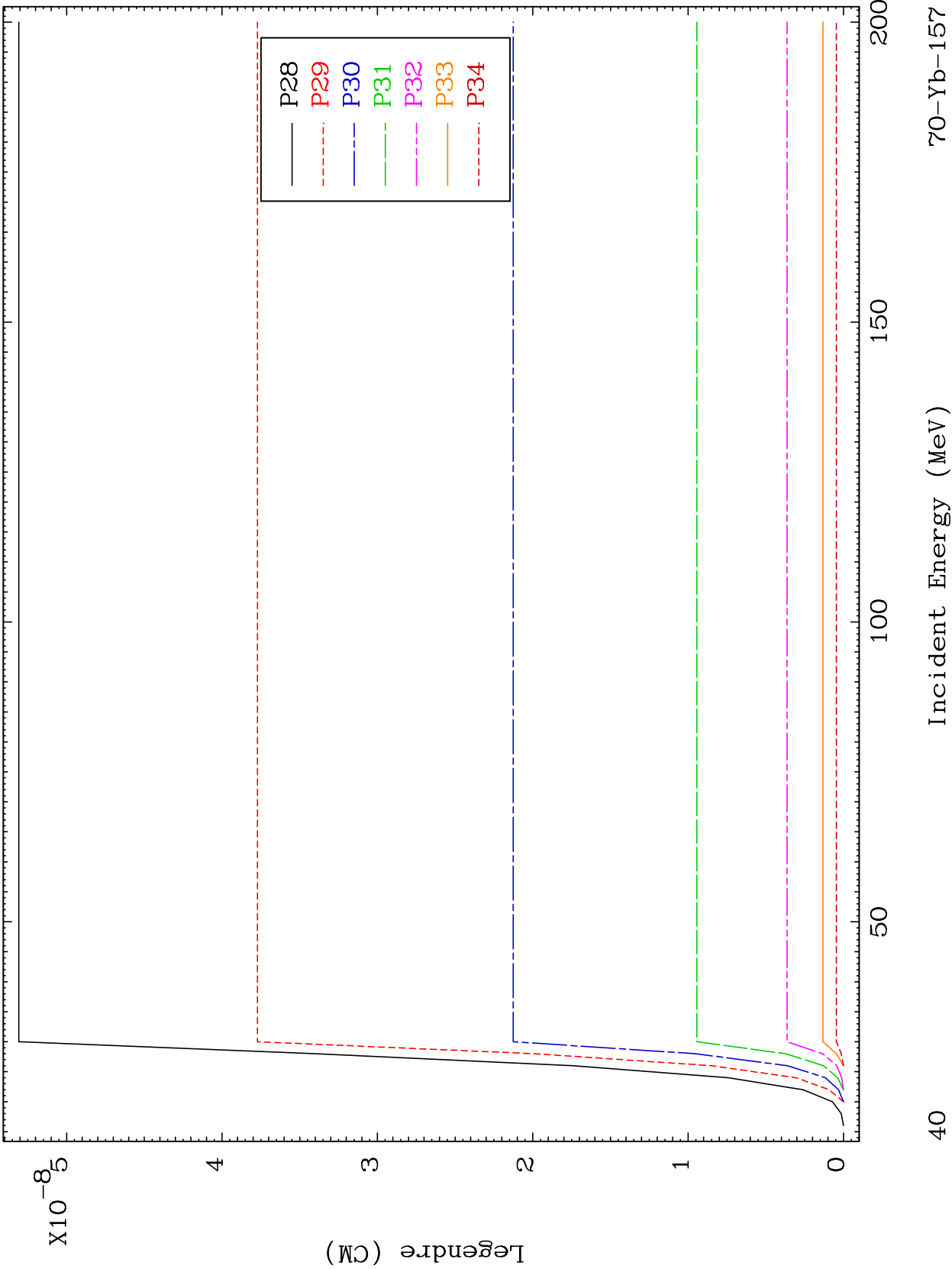
70-Yb-157



MAT 6992

MT= 55 (n,n') Level
Legendre Coefficients

70-Yb-157

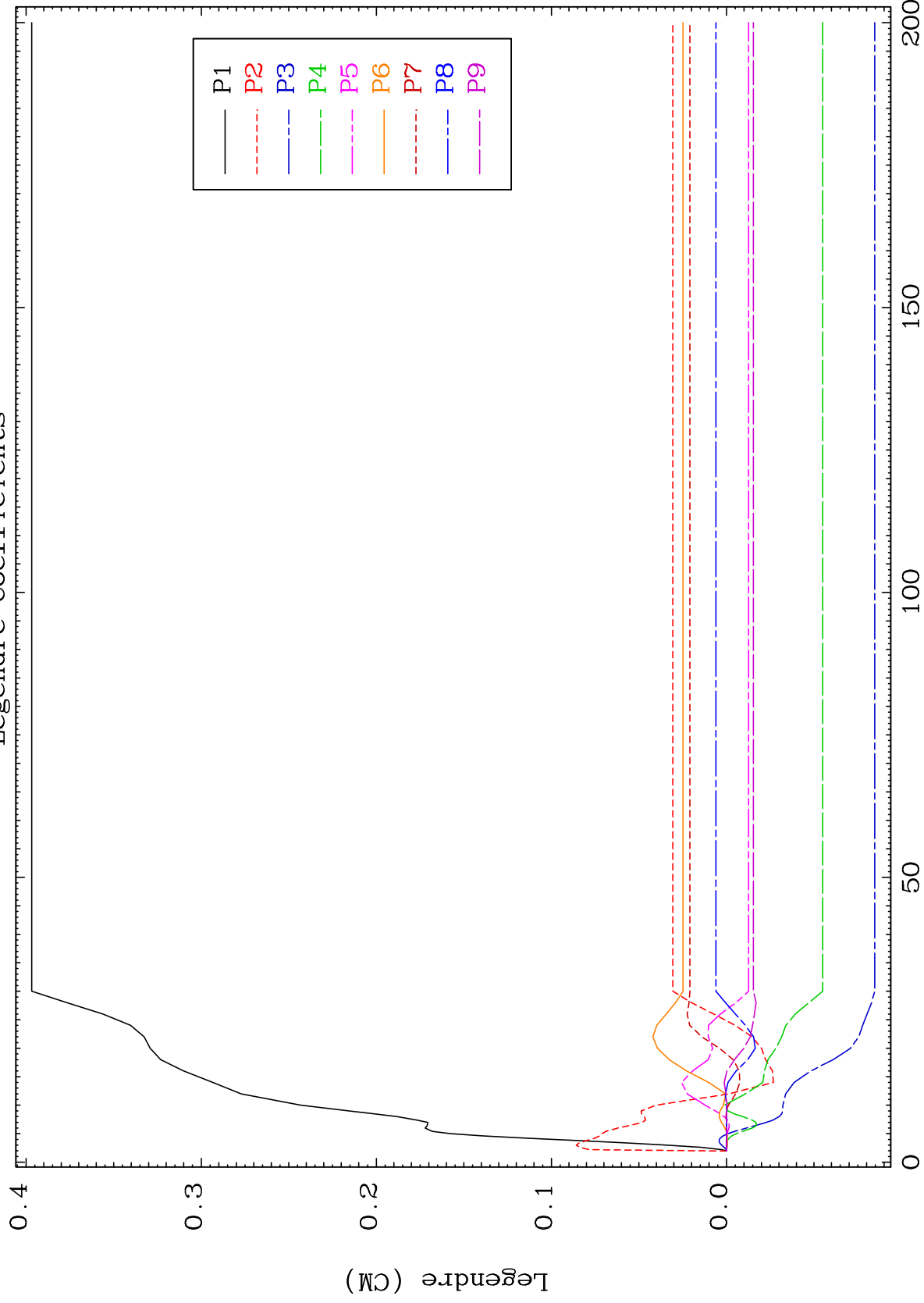


70-Yb-157

MAT 6992

MT= 56 (n,n') Level
Legendre Coefficients

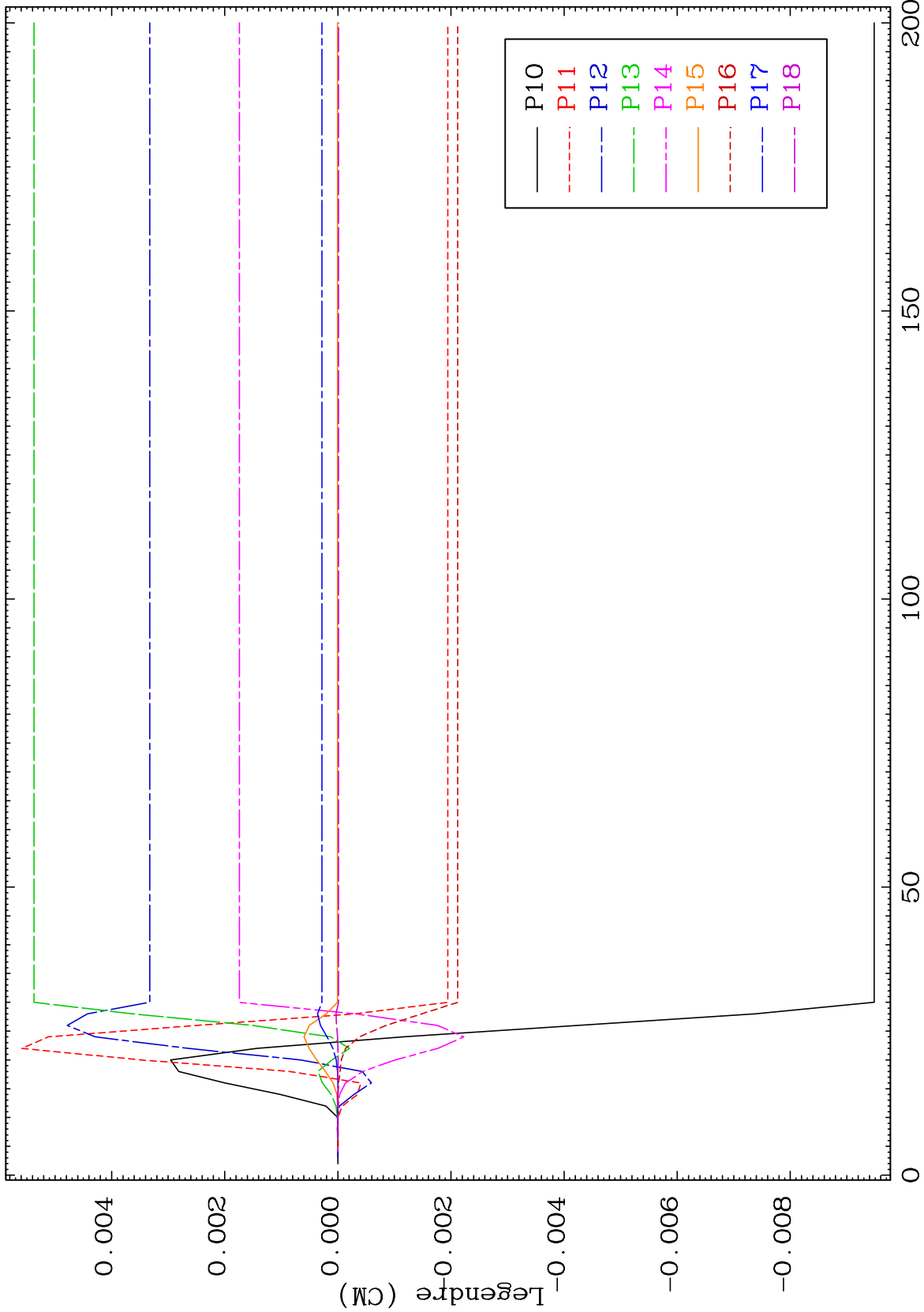
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MAT 6992

MT= 56 (n,n') Level
Legendre Coefficients

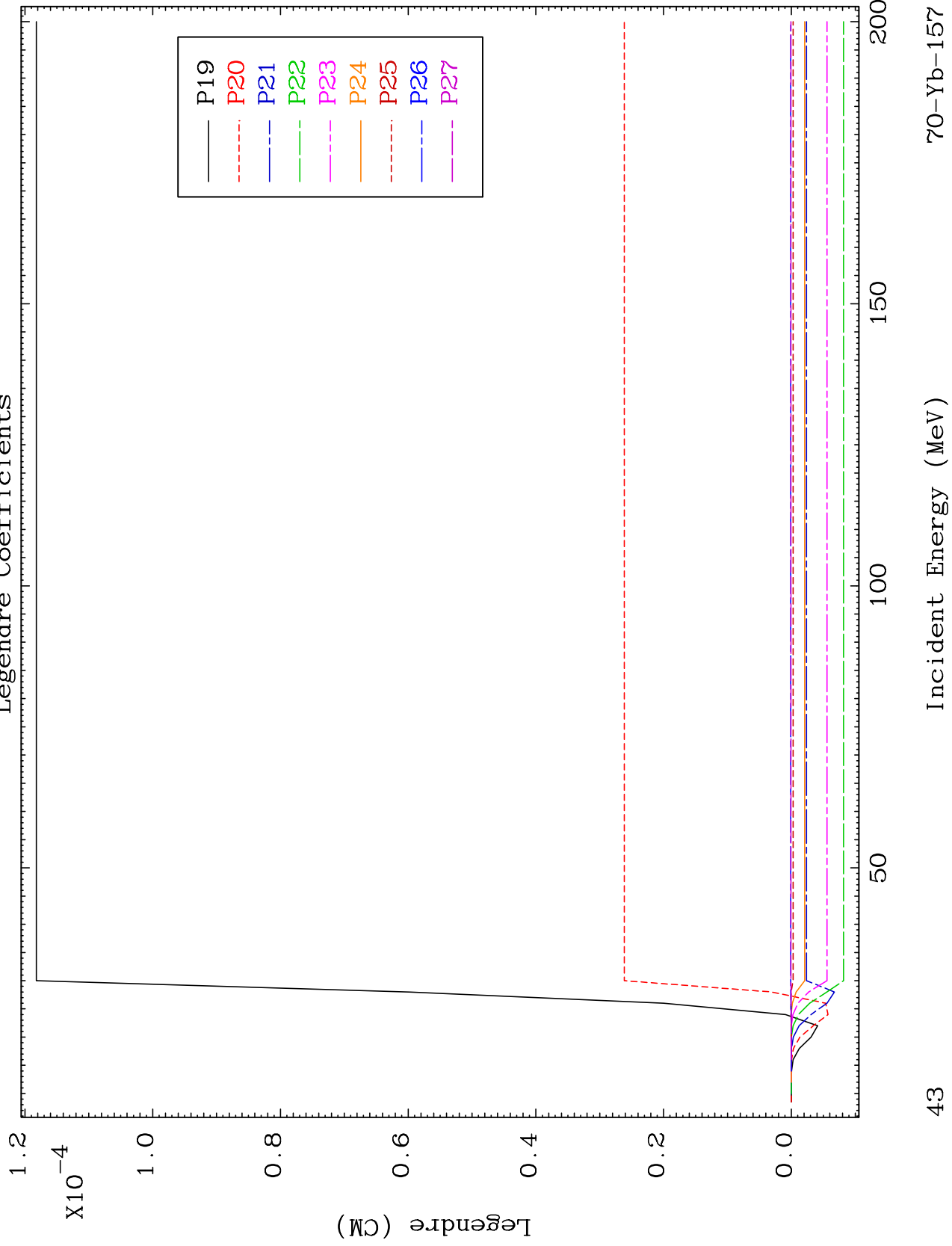
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MAT 6992

MT= 56 (n,n') Level
Legendre Coefficients

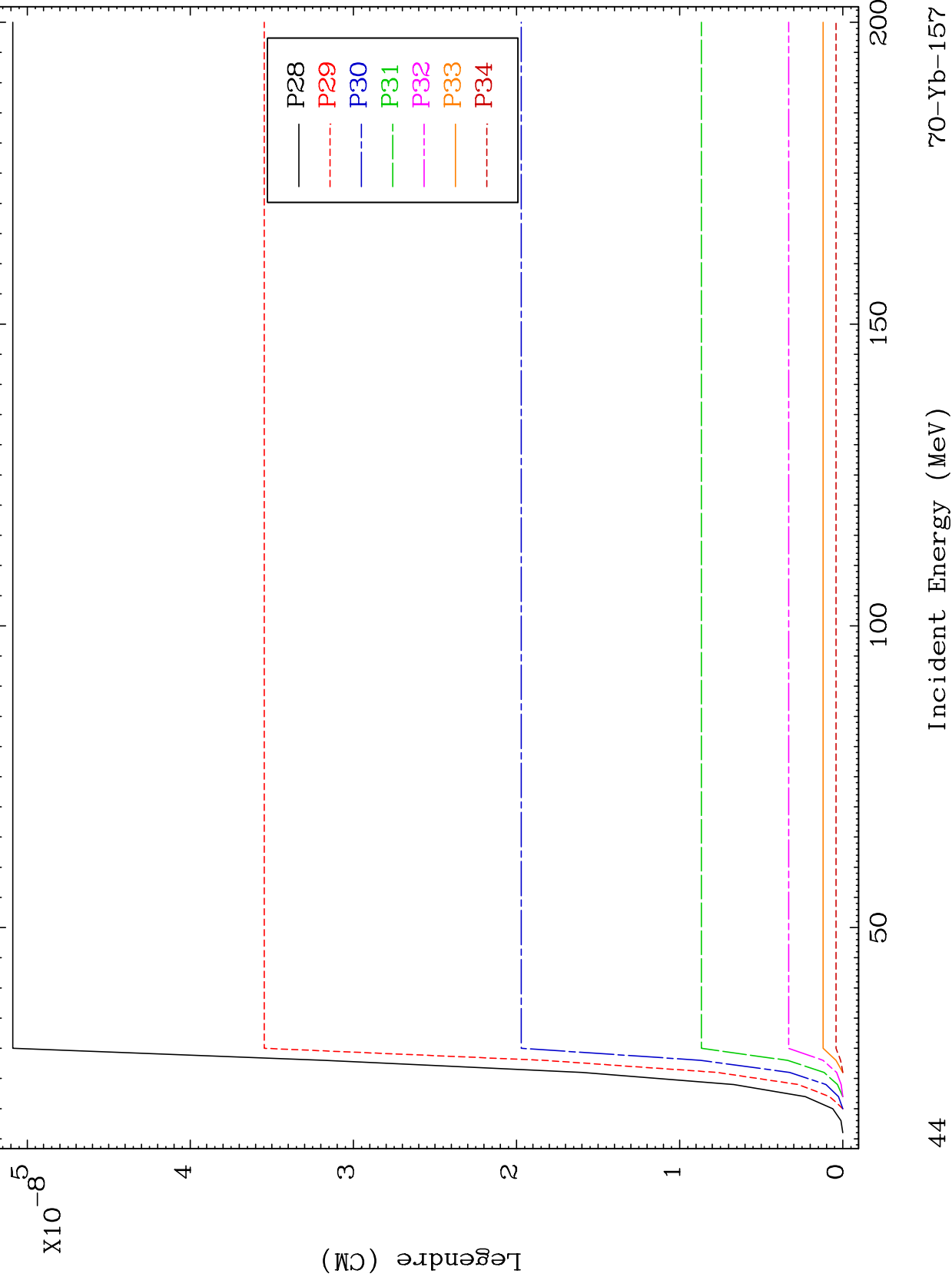
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43

Incident Energy (MeV)

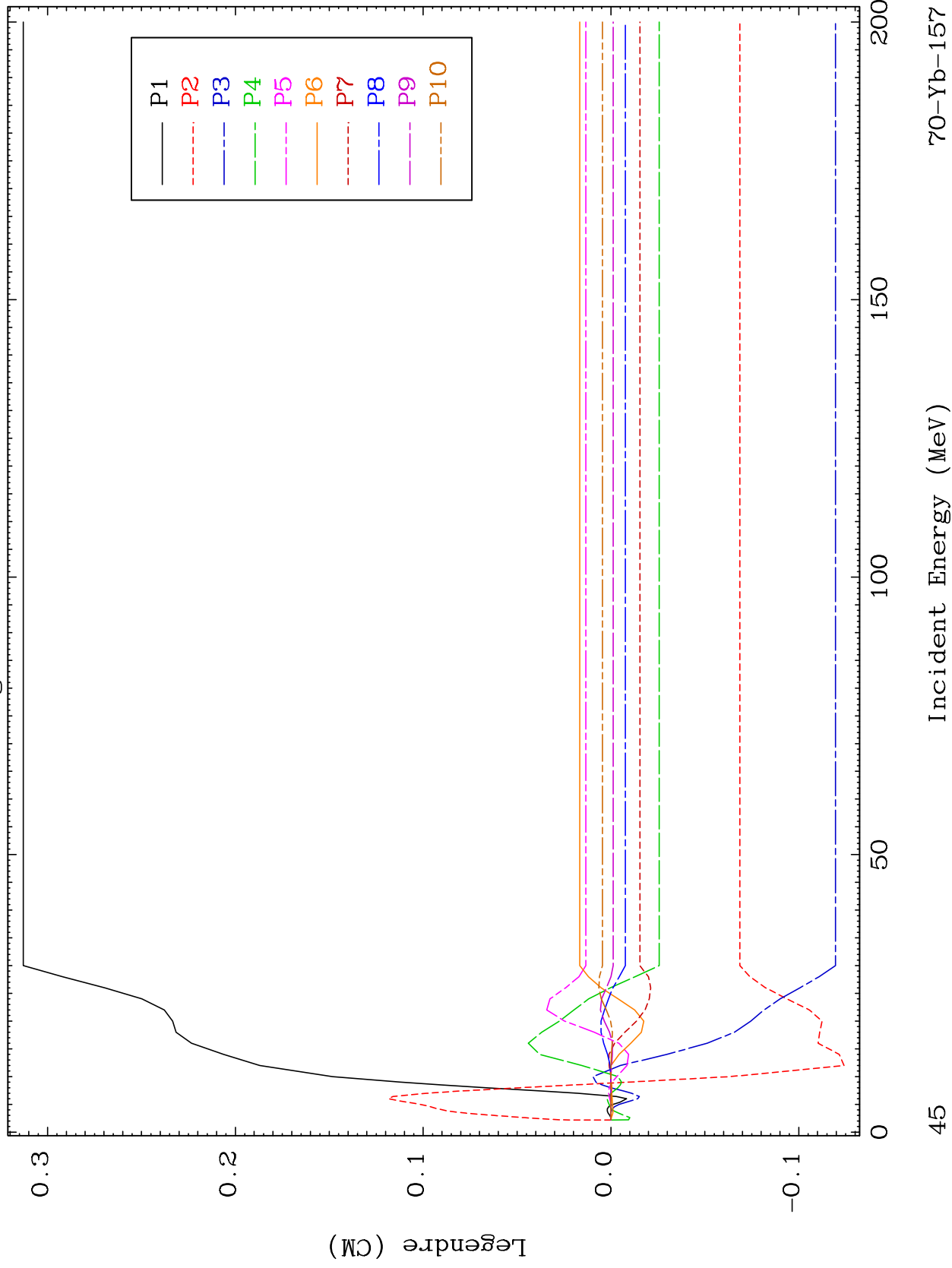
70-Yb-157



MAT 6992

MT= 57 (n,n') Level
Legendre Coefficients

70-Yb-157



70-Yb-157

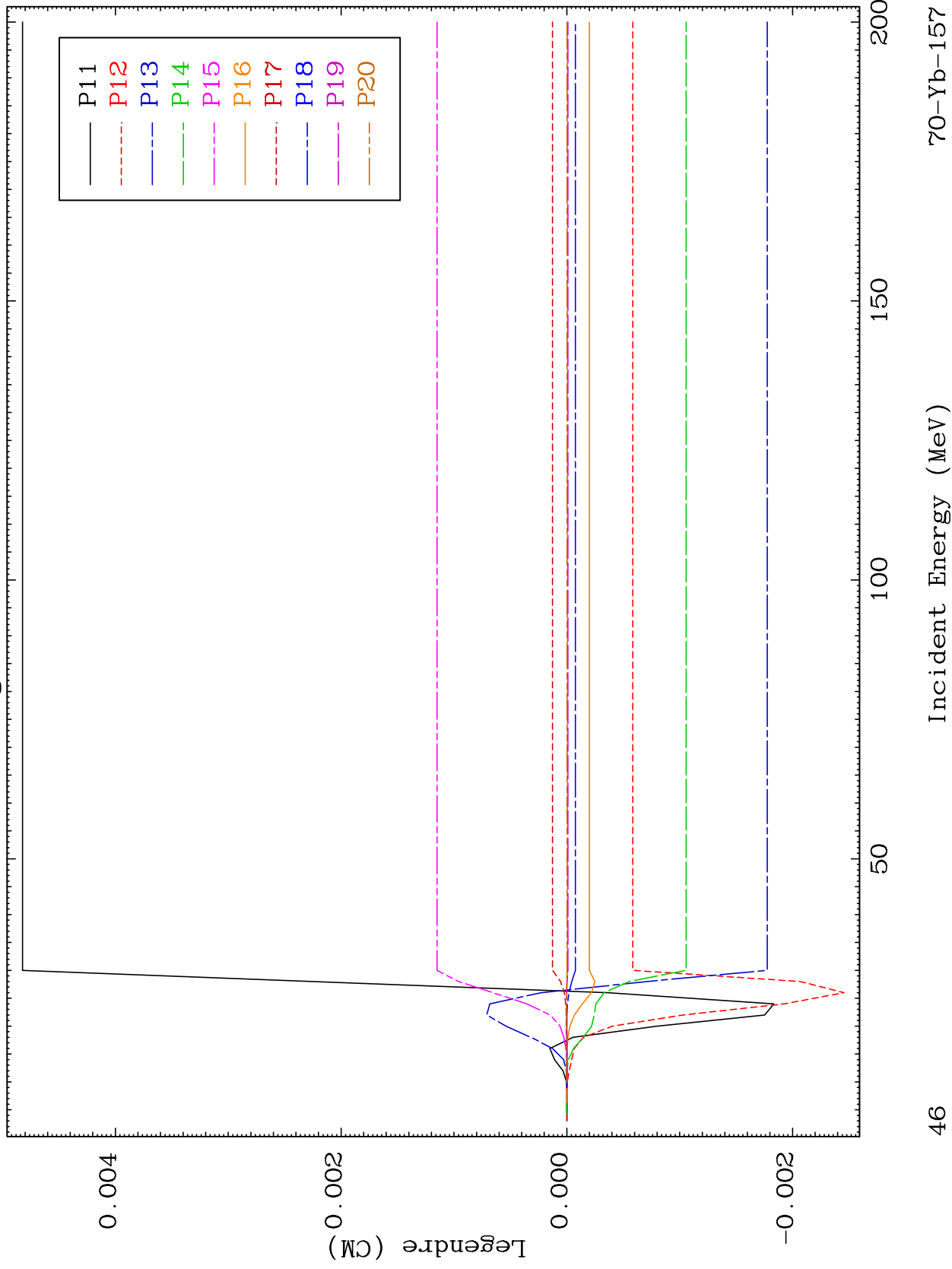
Incident Energy (MeV)

45

MAT 6992

MT= 57 (n,n') Level
Legendre Coefficients

70-Yb-157



46

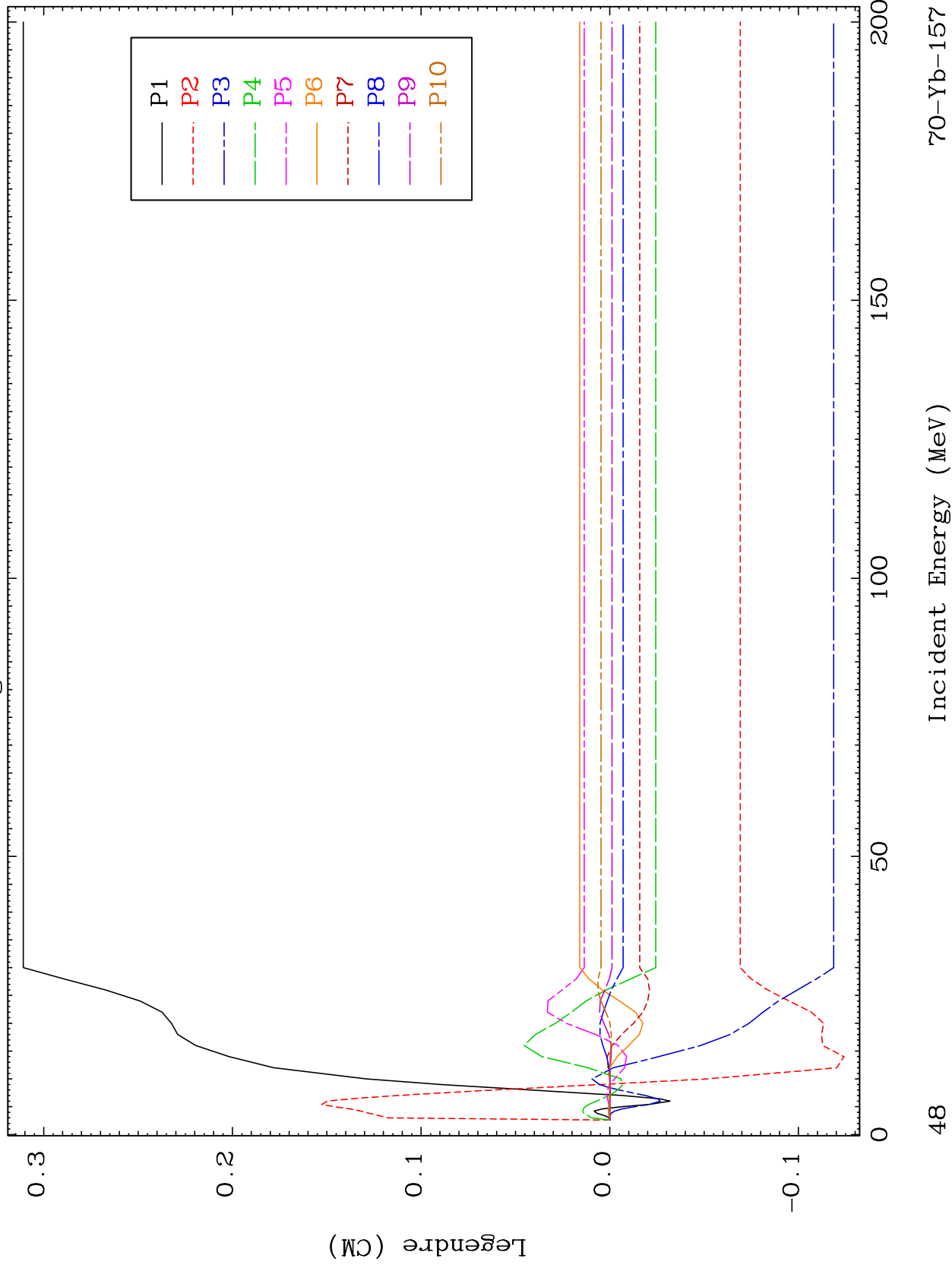
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 58 (n,n') Level
Legendre Coefficients

70-Yb-157



70-Yb-157

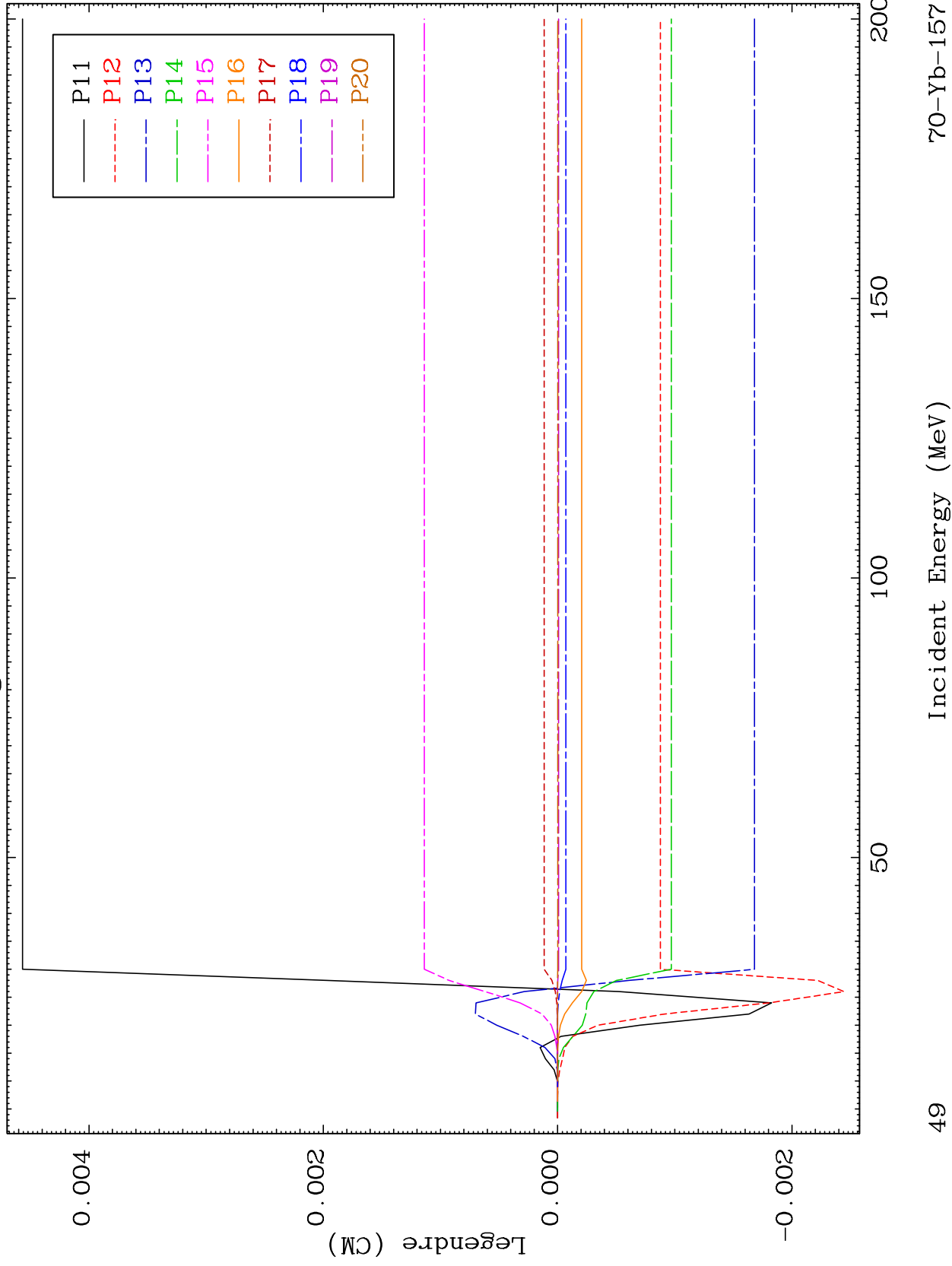
Incident Energy (MeV)

48

MAT 6992

MT= 58 (n,n') Level
Legendre Coefficients

70-Yb-157



49

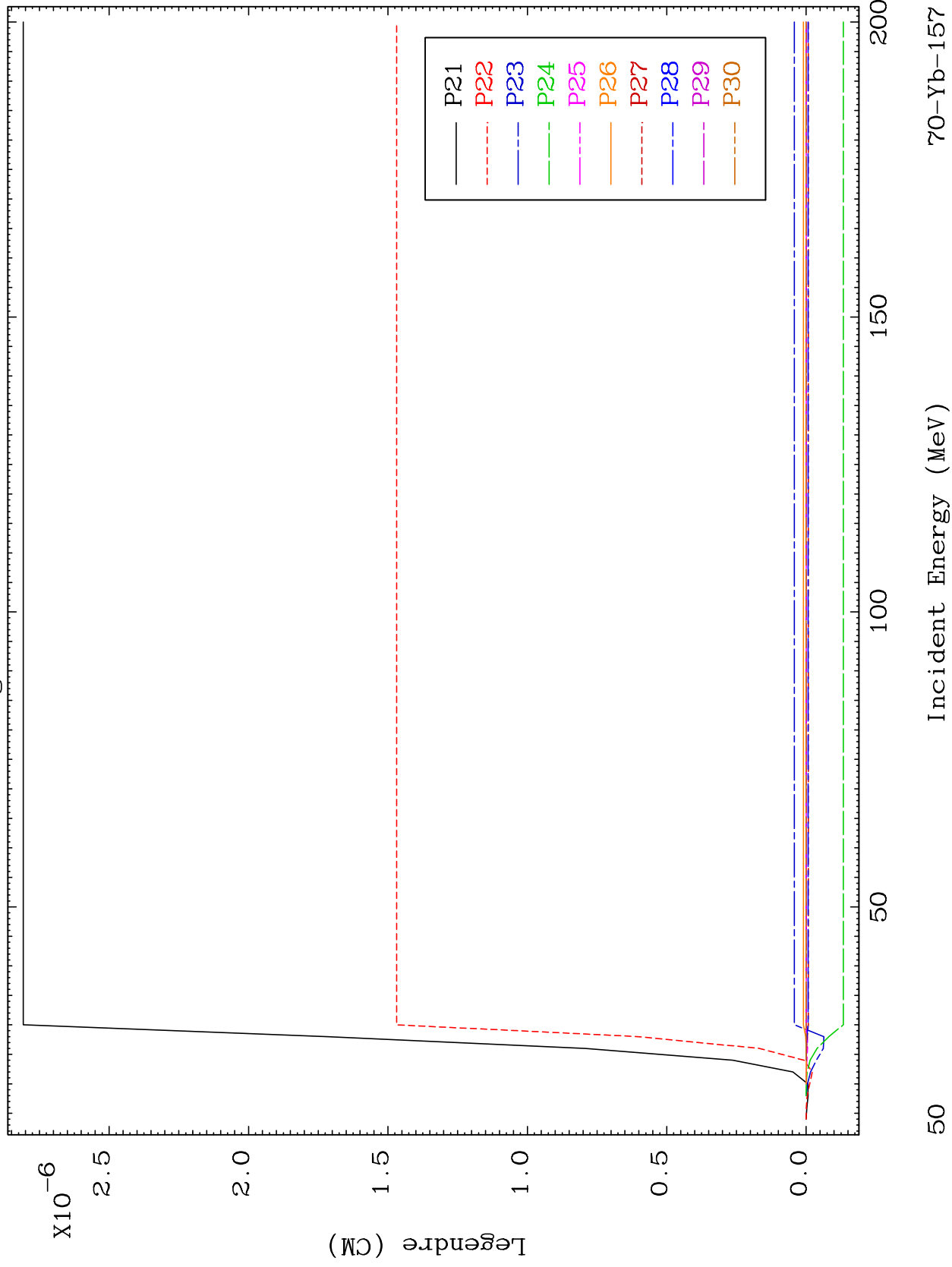
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 58 (n,n') Level
Legendre Coefficients

70-Yb-157



50

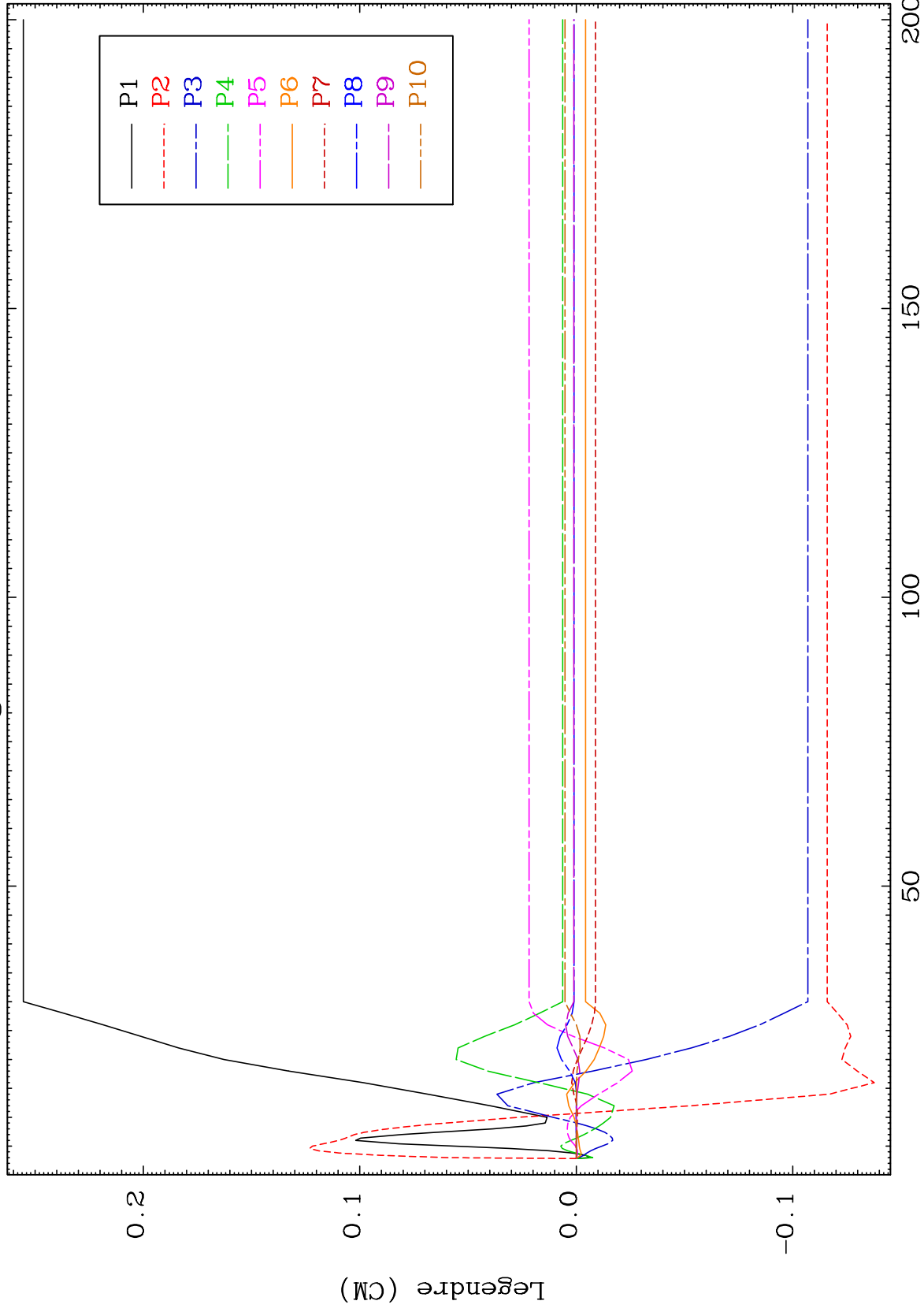
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 59 (n,n') Level
Legendre Coefficients

70-Yb-157



51

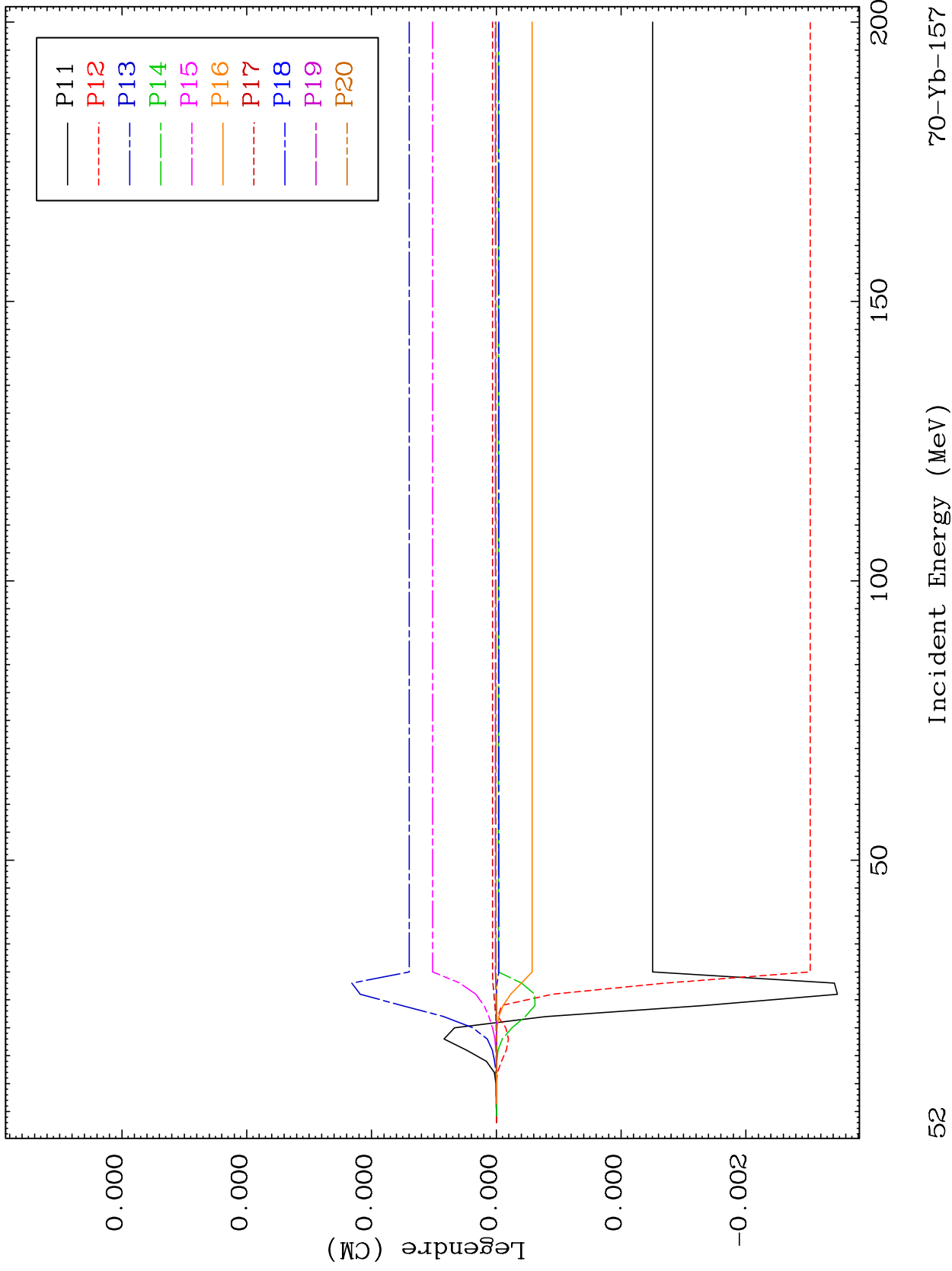
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 59 (n,n') Level
Legendre Coefficients

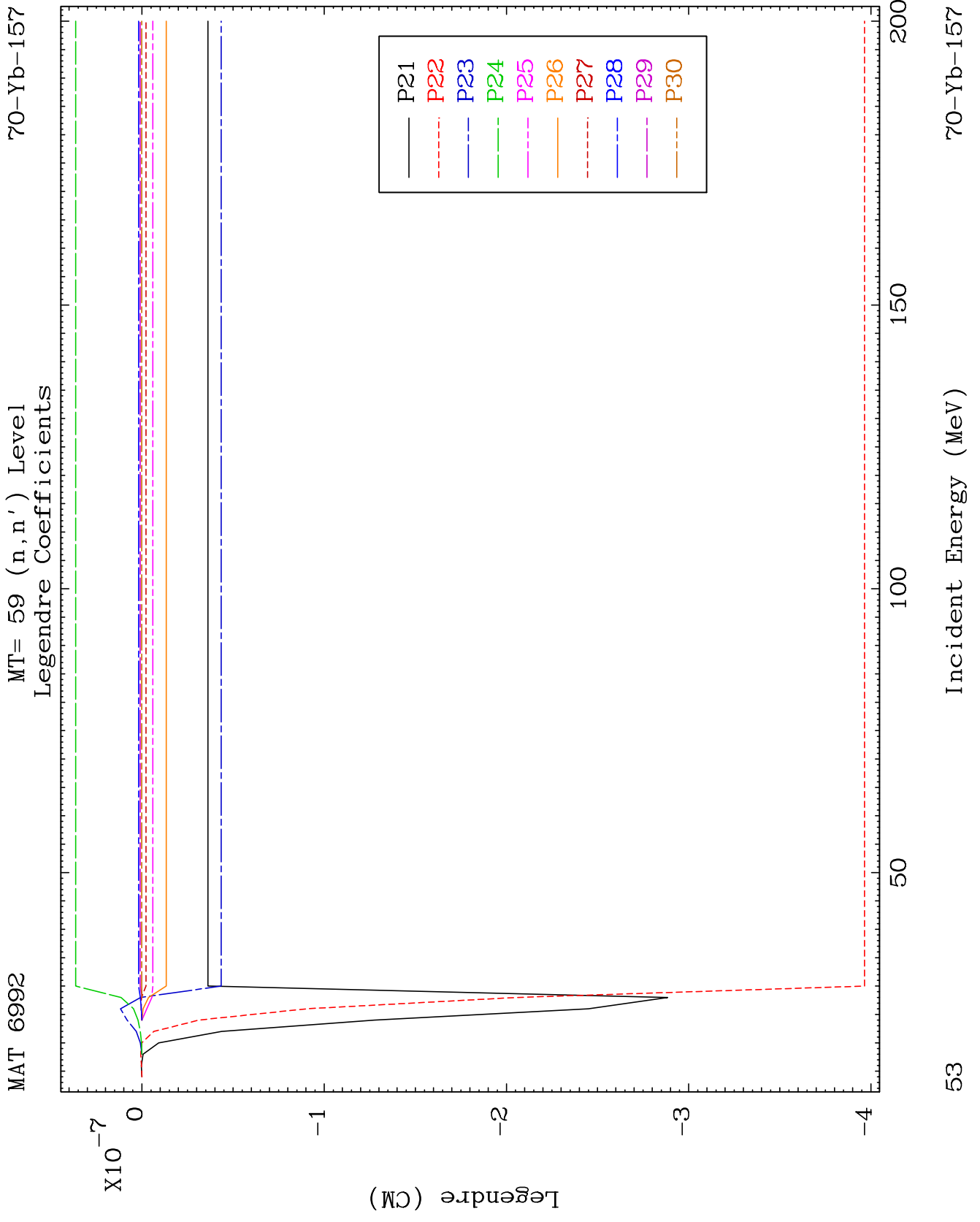
70-Yb-157



52

Incident Energy (MeV)

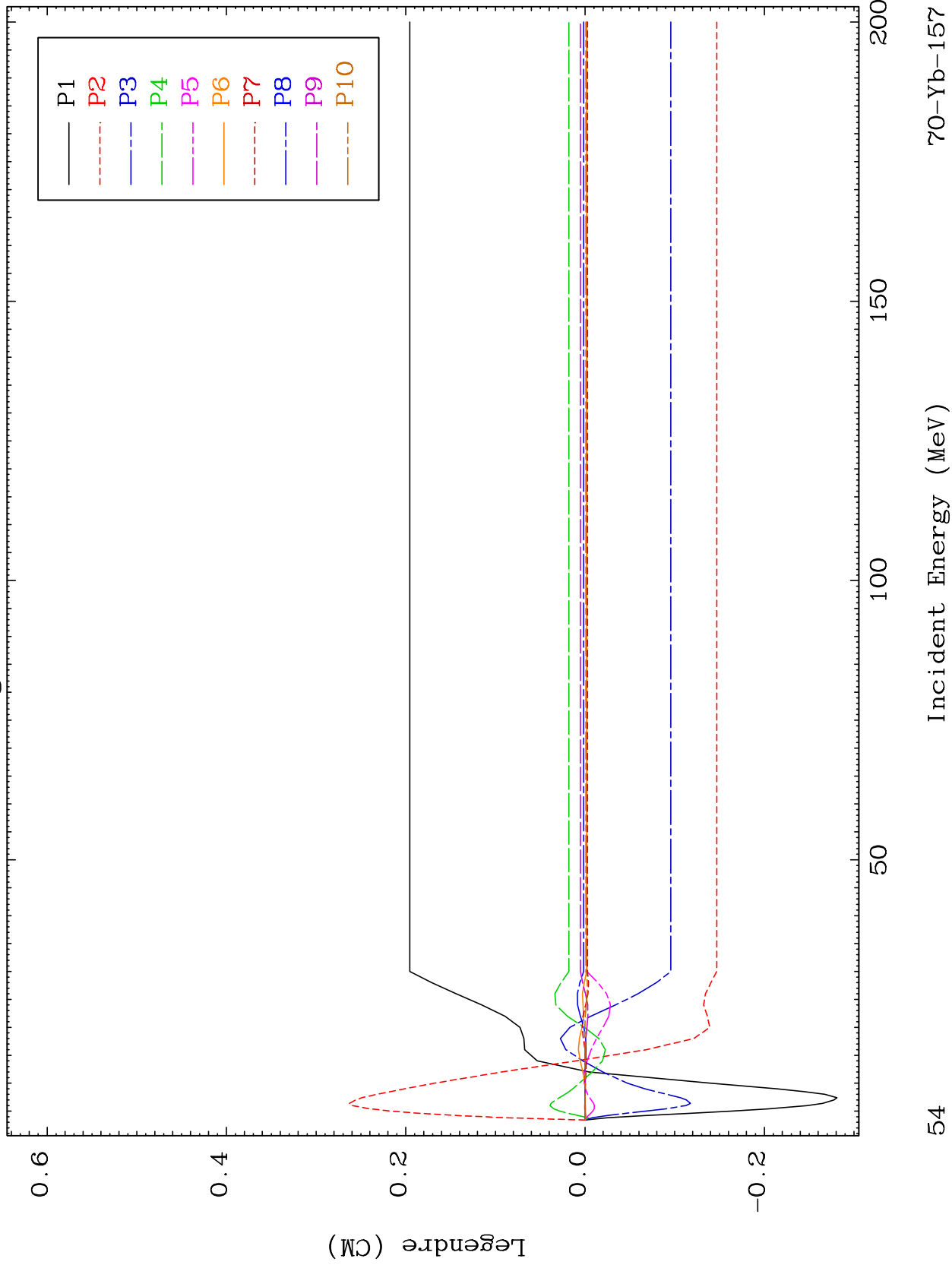
70-Yb-157



MAT 6992

MT= 60 (n,n') Level
Legendre Coefficients

70-Yb-157



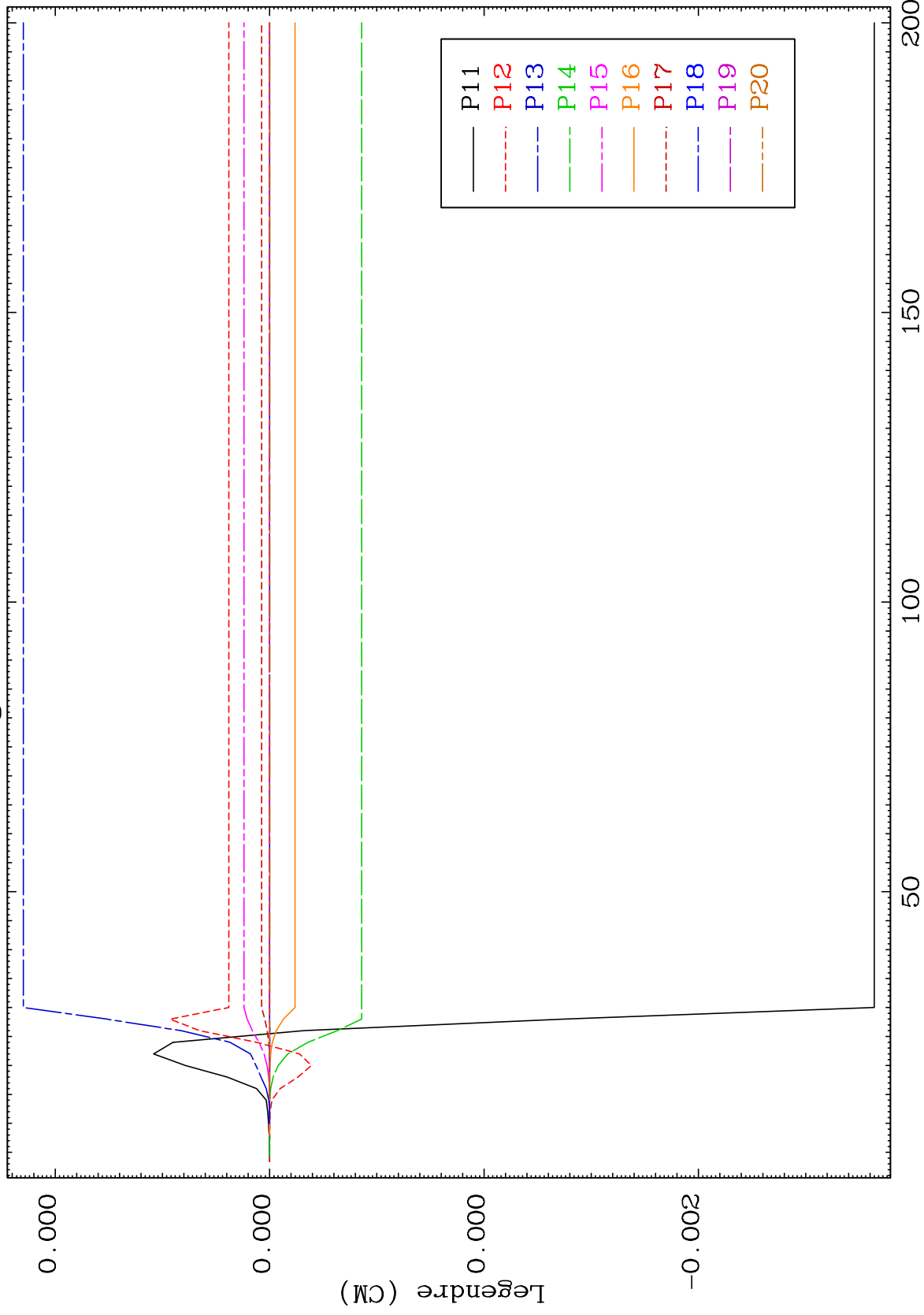
54

70-Yb-157

MAT 6992

MT= 60 (n,n') Level
Legendre Coefficients

70-Yb-157



55

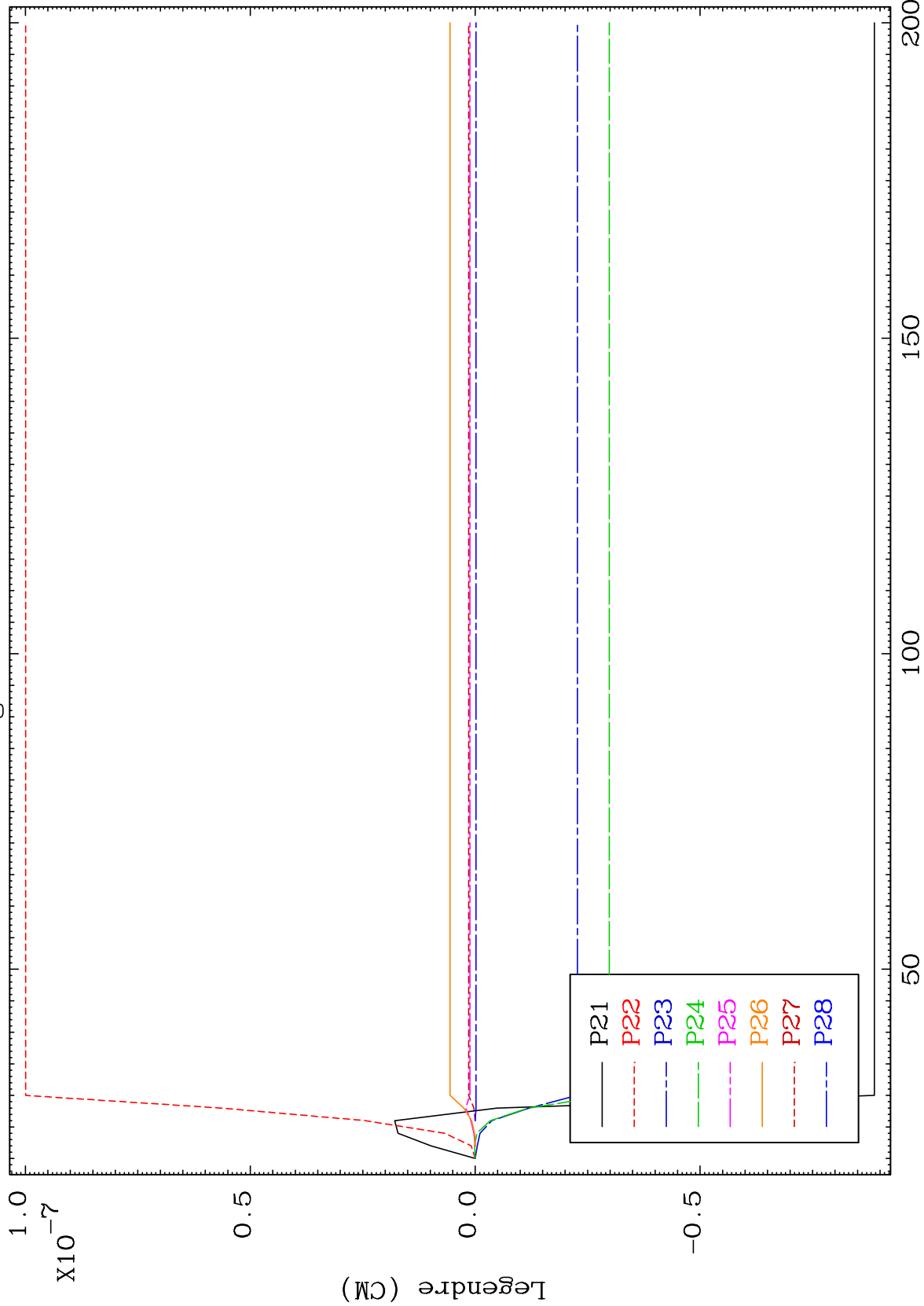
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 60 (n,n') Level
Legendre Coefficients

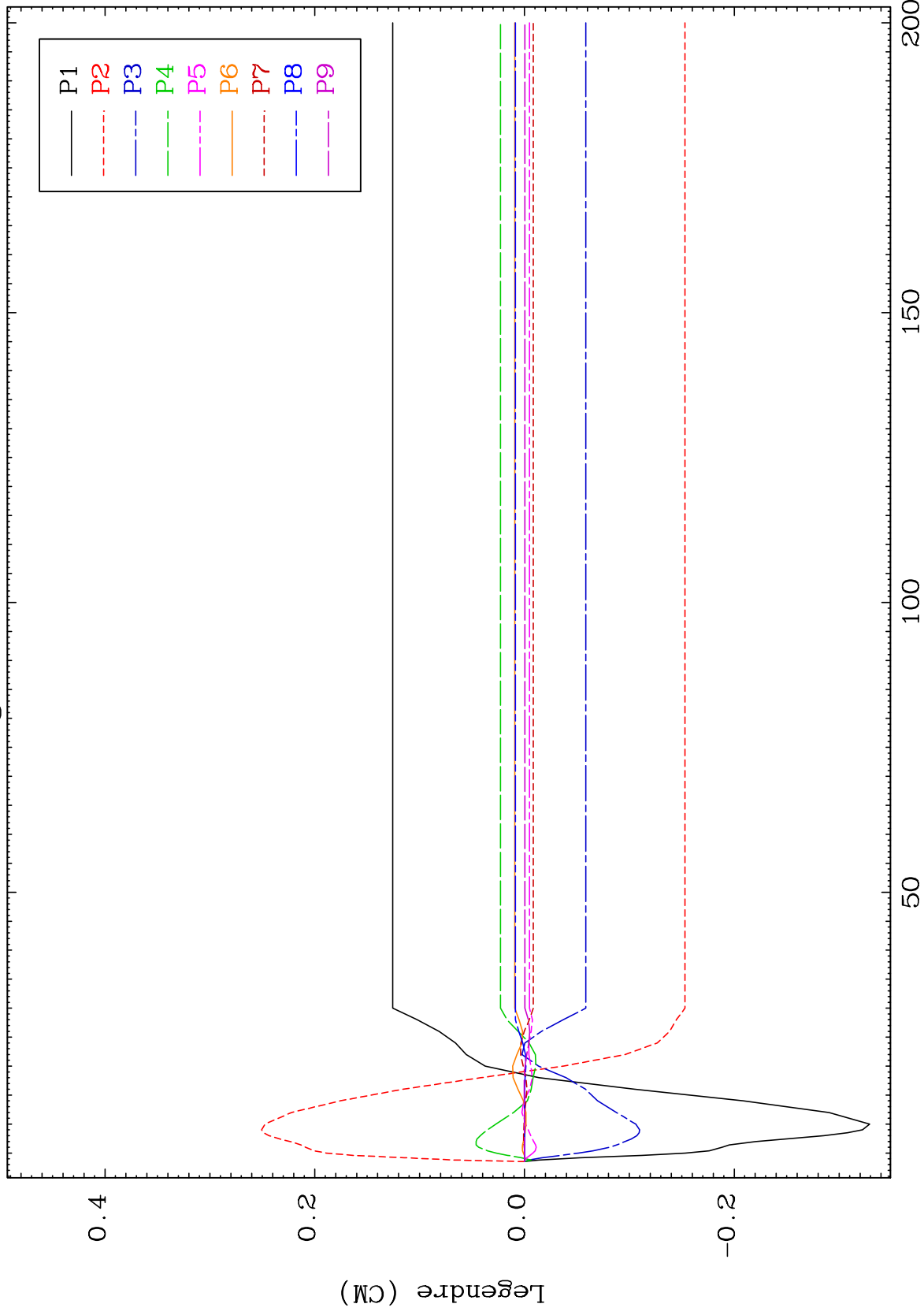
70-Yb-157



MAT 6992

MT= 61 (n,n') Level
Legendre Coefficients

70-Yb-157



57

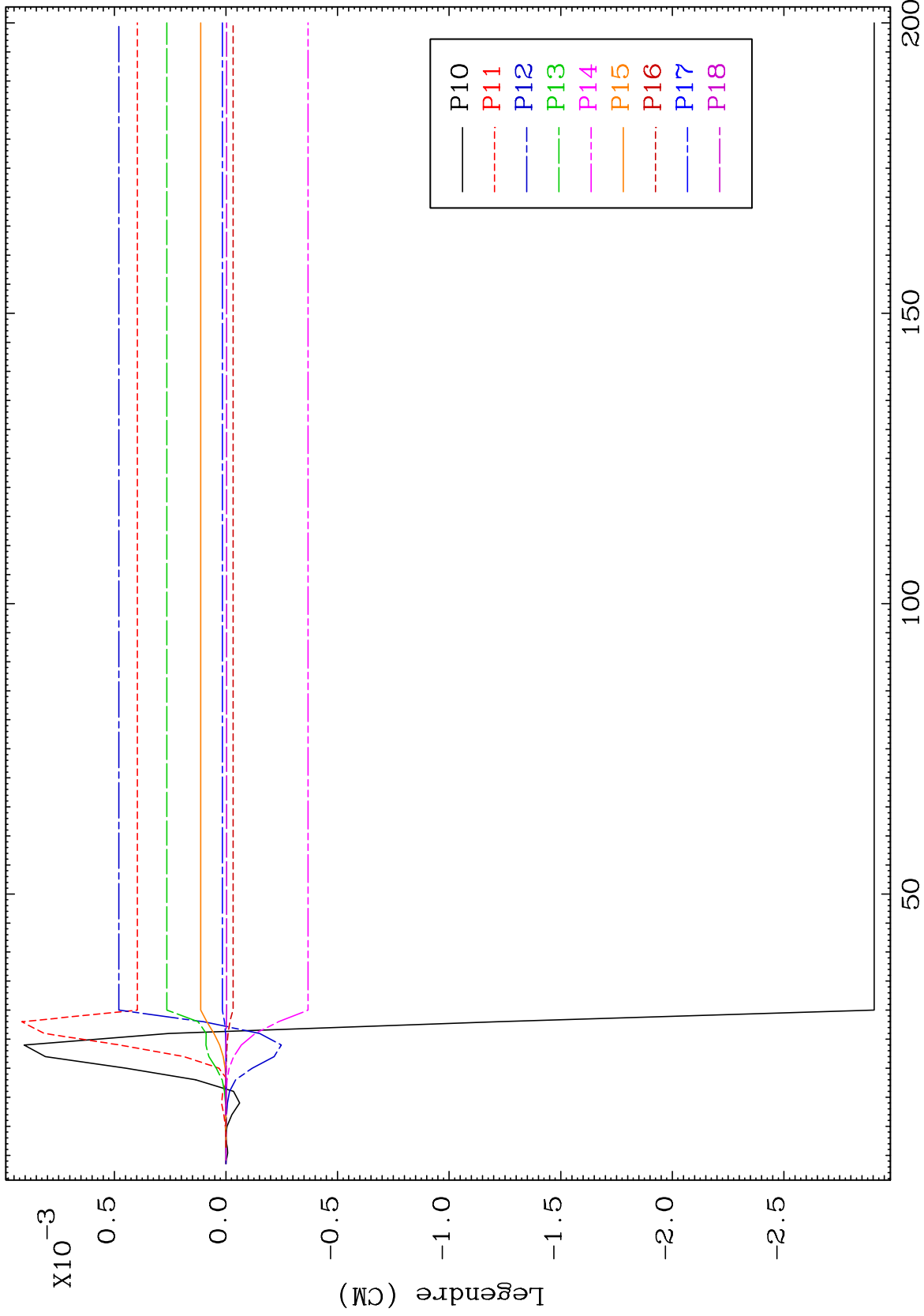
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 61 (n,n') Level
Legendre Coefficients

70-Yb-157



58

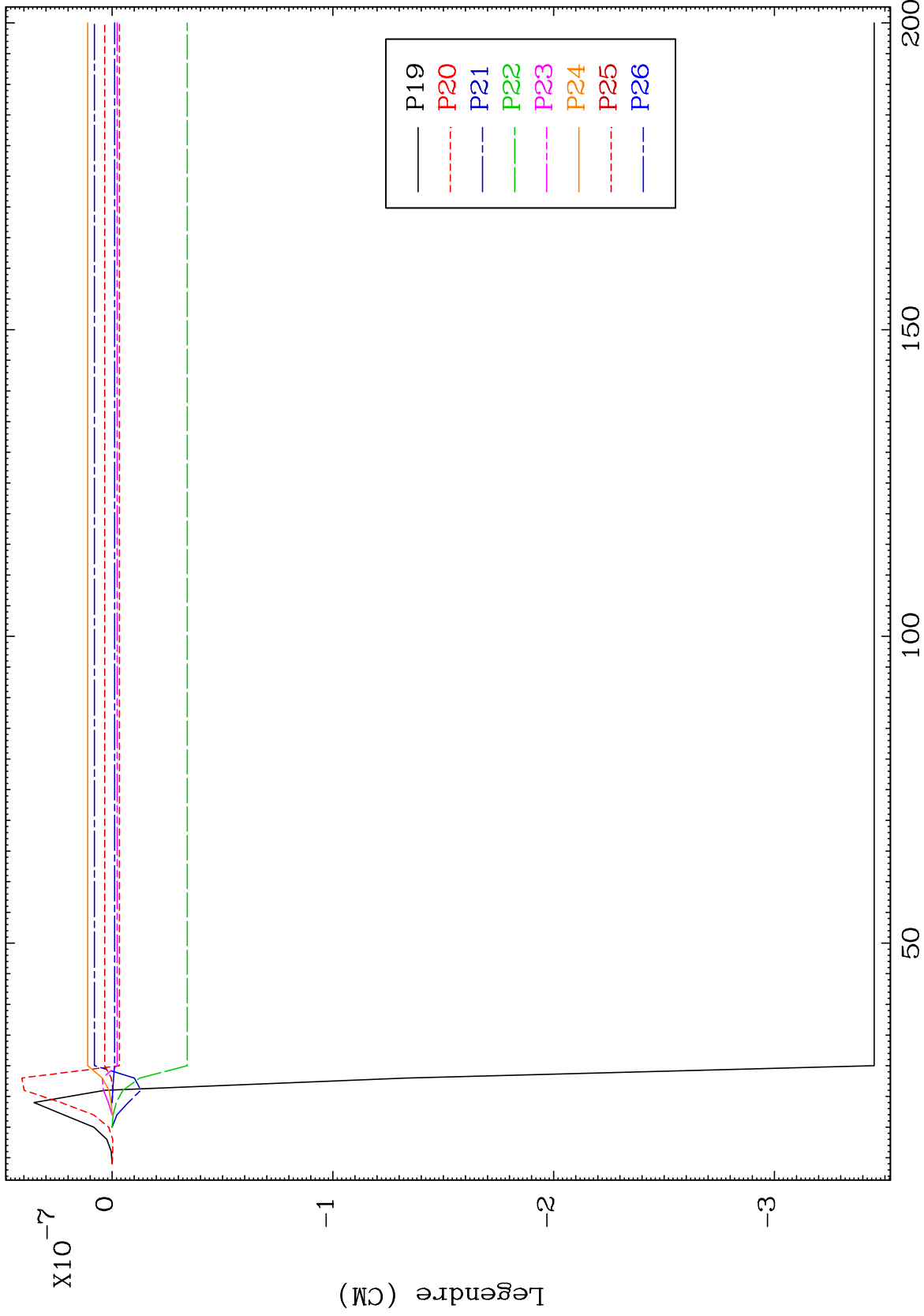
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 61 (n,n') Level
Legendre Coefficients

70-Yb-157



59

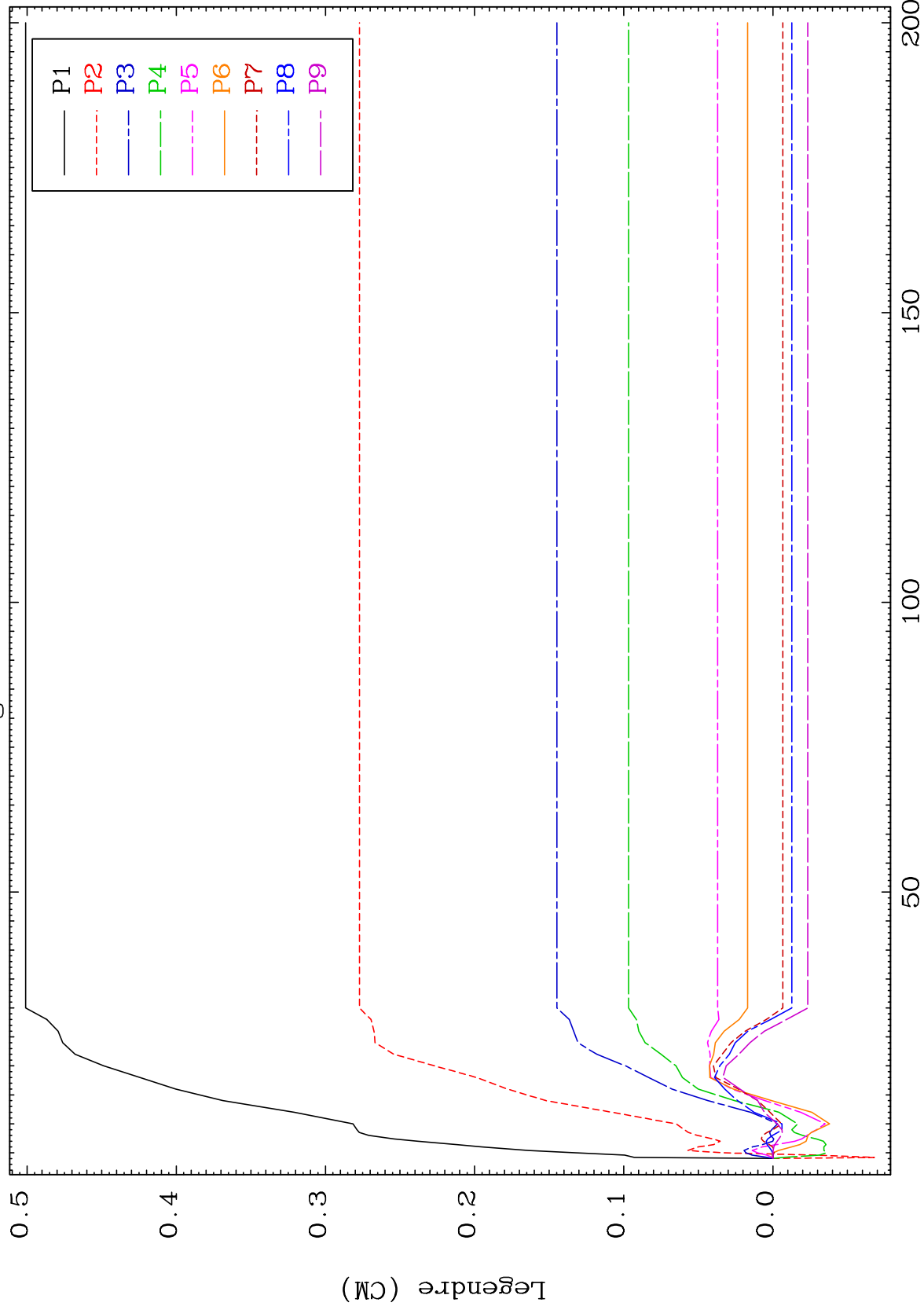
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 62 (n,n') Level
Legendre Coefficients

70-Yb-157



60

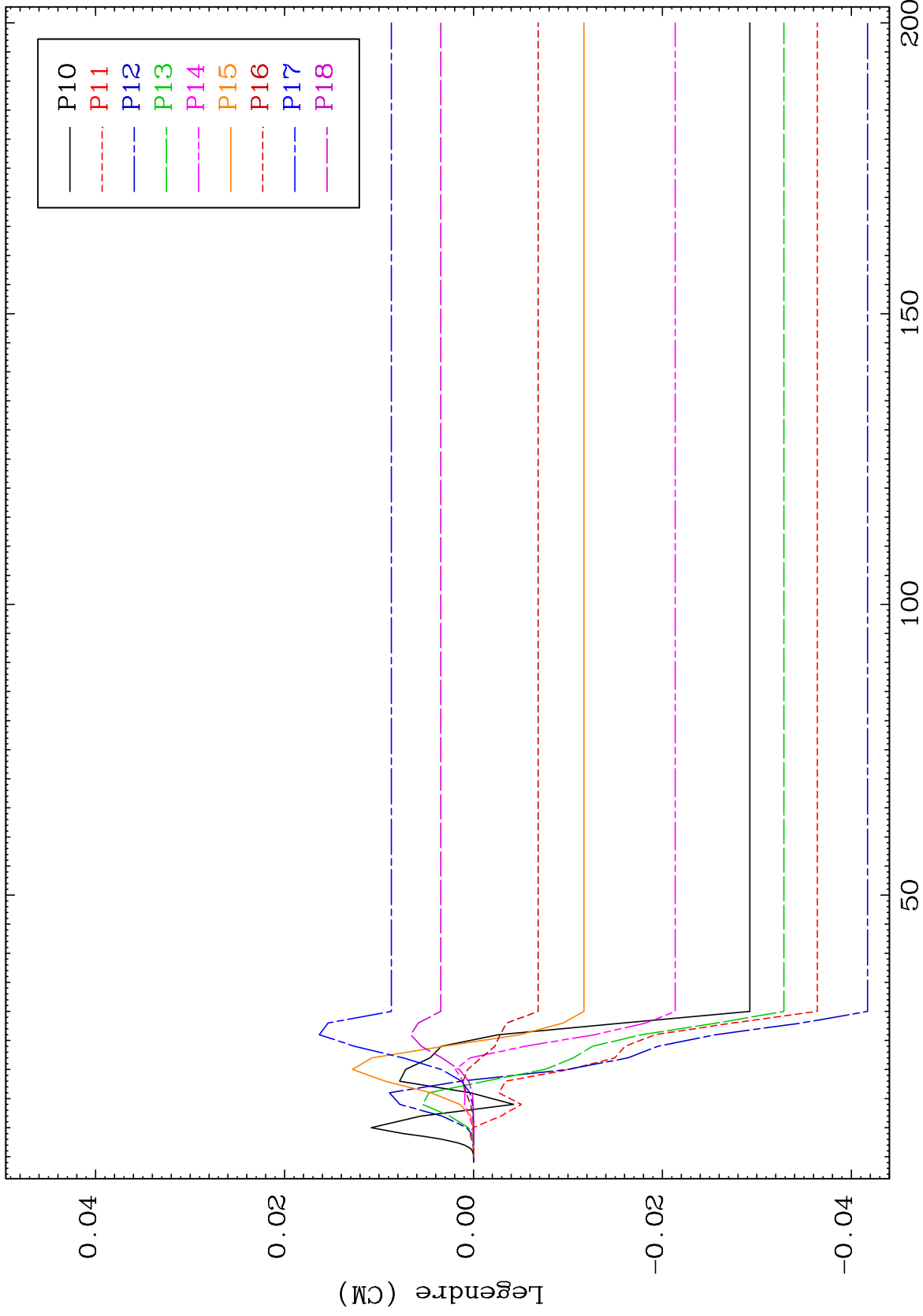
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 62 (n,n') Level
Legendre Coefficients

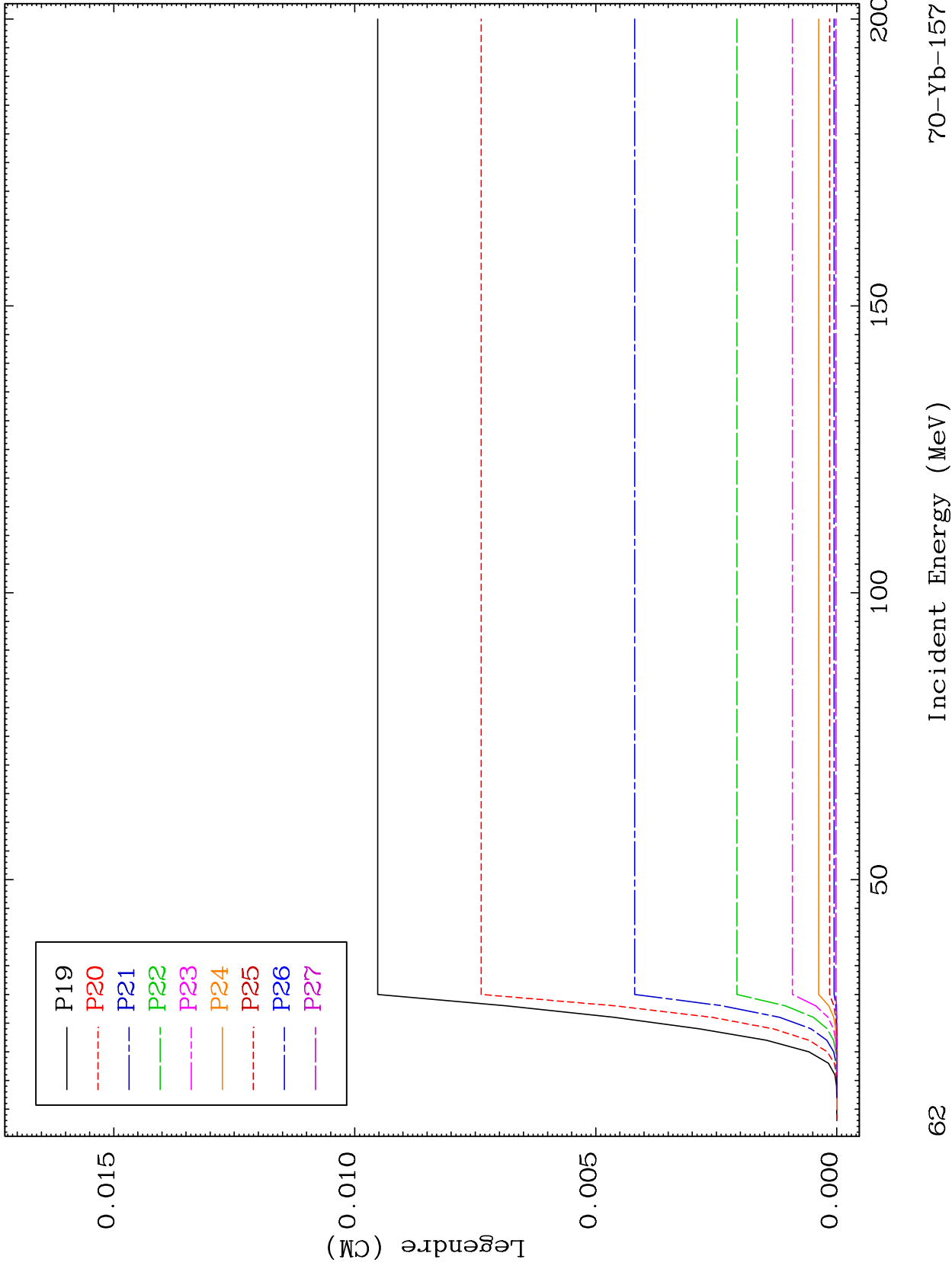
70-Yb-157



MAT 6992

MT= 62 (n,n') Level
Legendre Coefficients

70-Yb-157



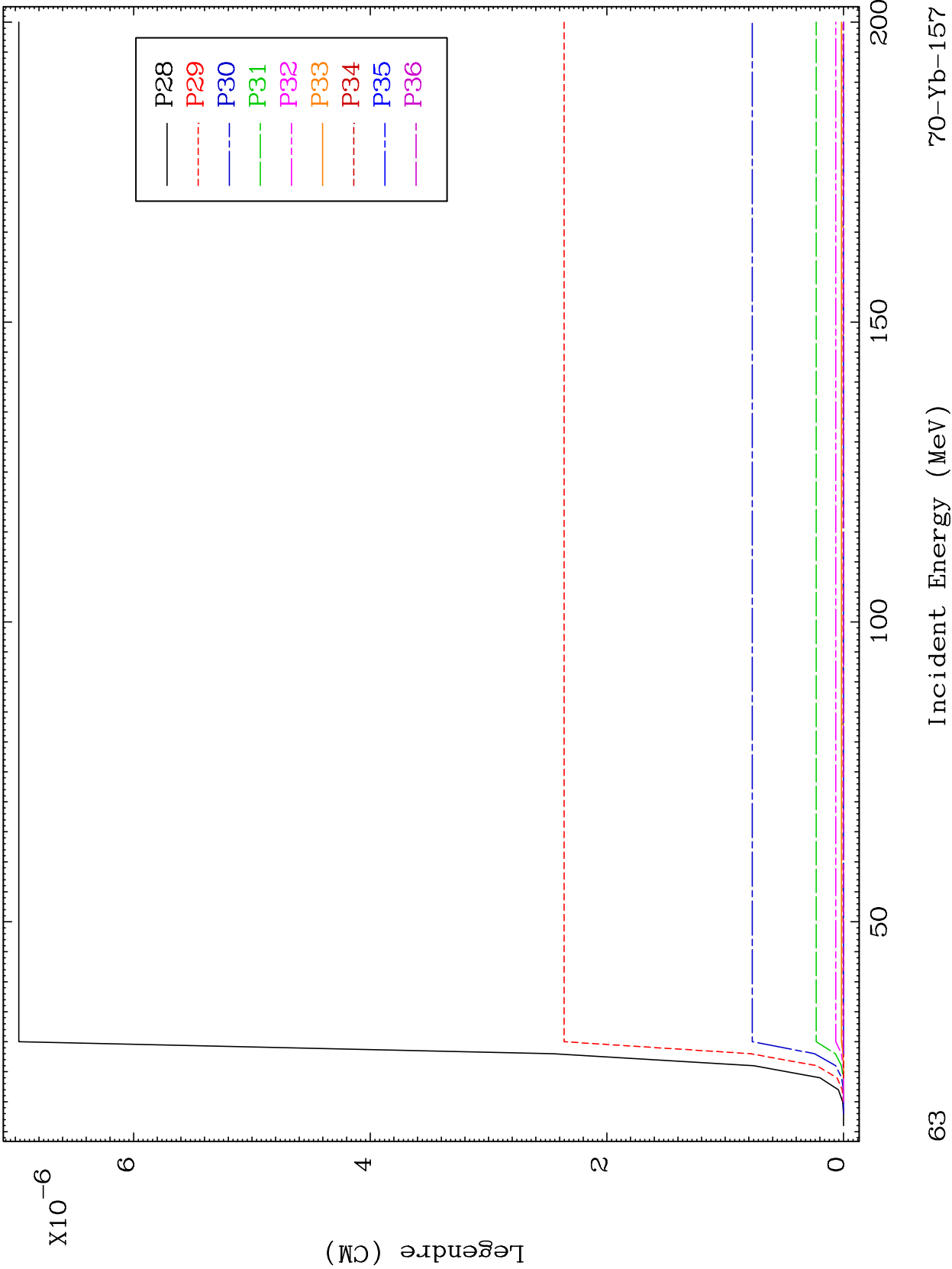
62

70-Yb-157

MAT 6992

MT= 62 (n,n') Level
Legendre Coefficients

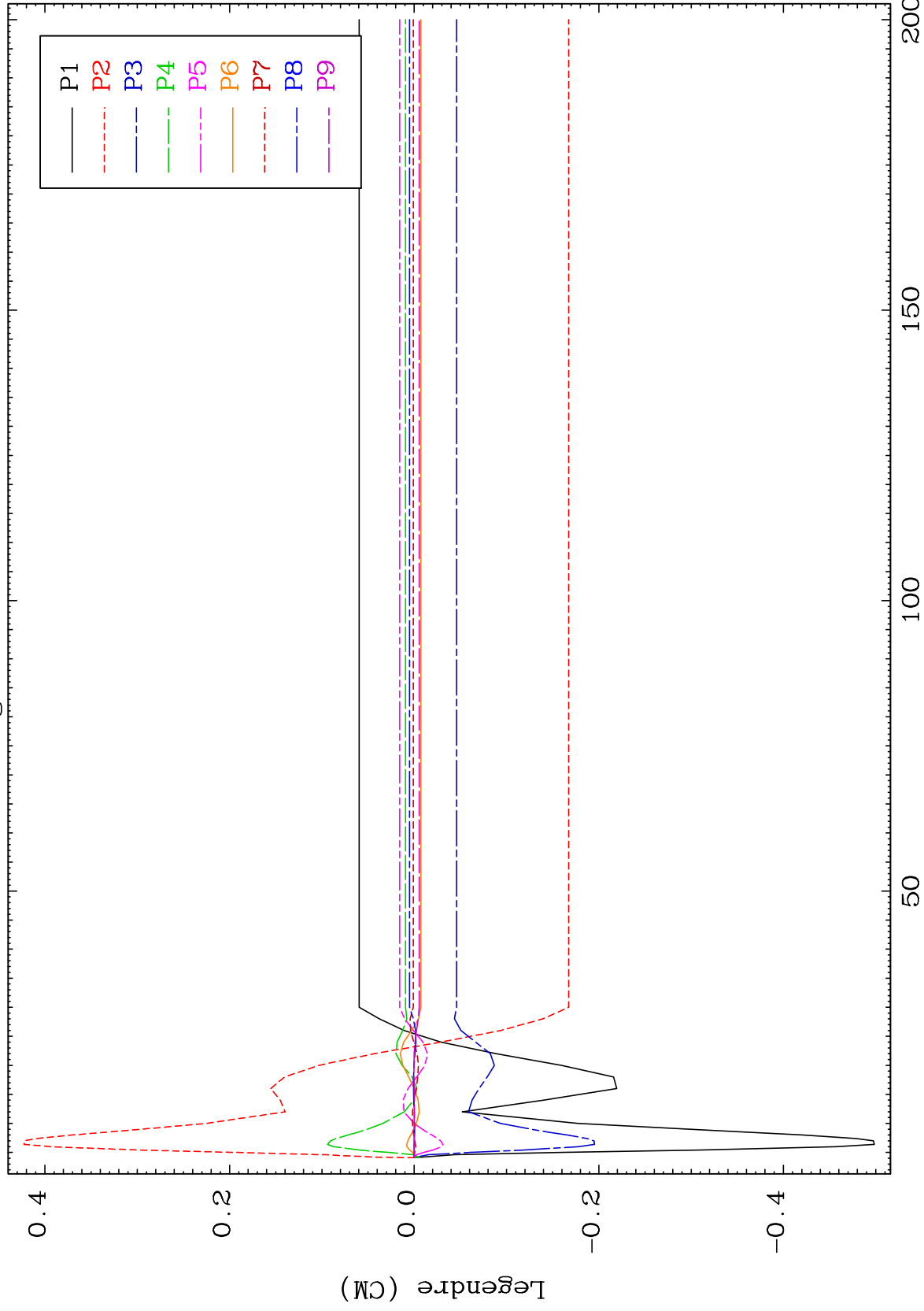
70-Yb-157



MAT 6992

MT= 63 (n,n') Level
Legendre Coefficients

70-Yb-157



64

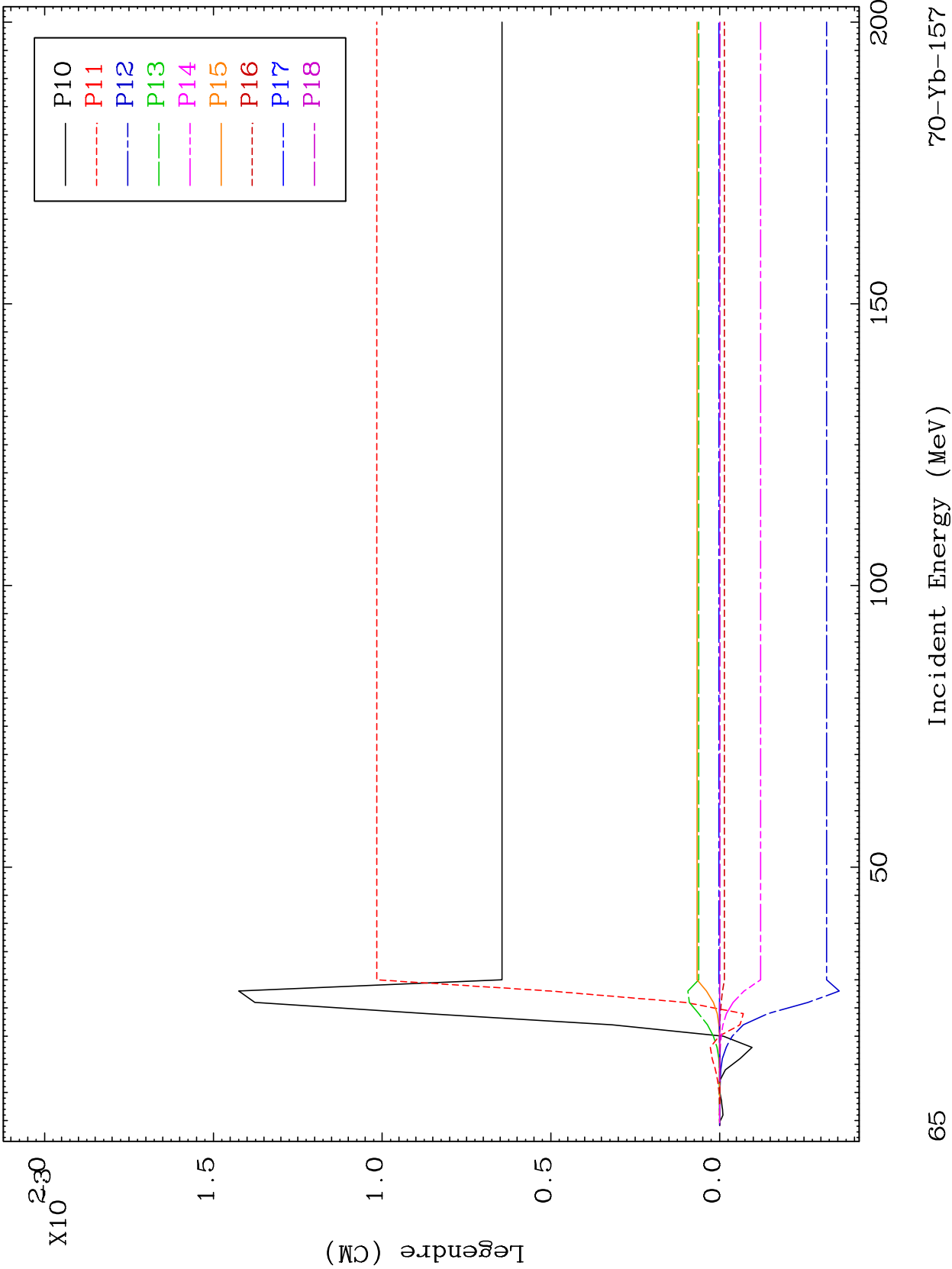
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 63 (n,n') Level
Legendre Coefficients

70-Yb-157



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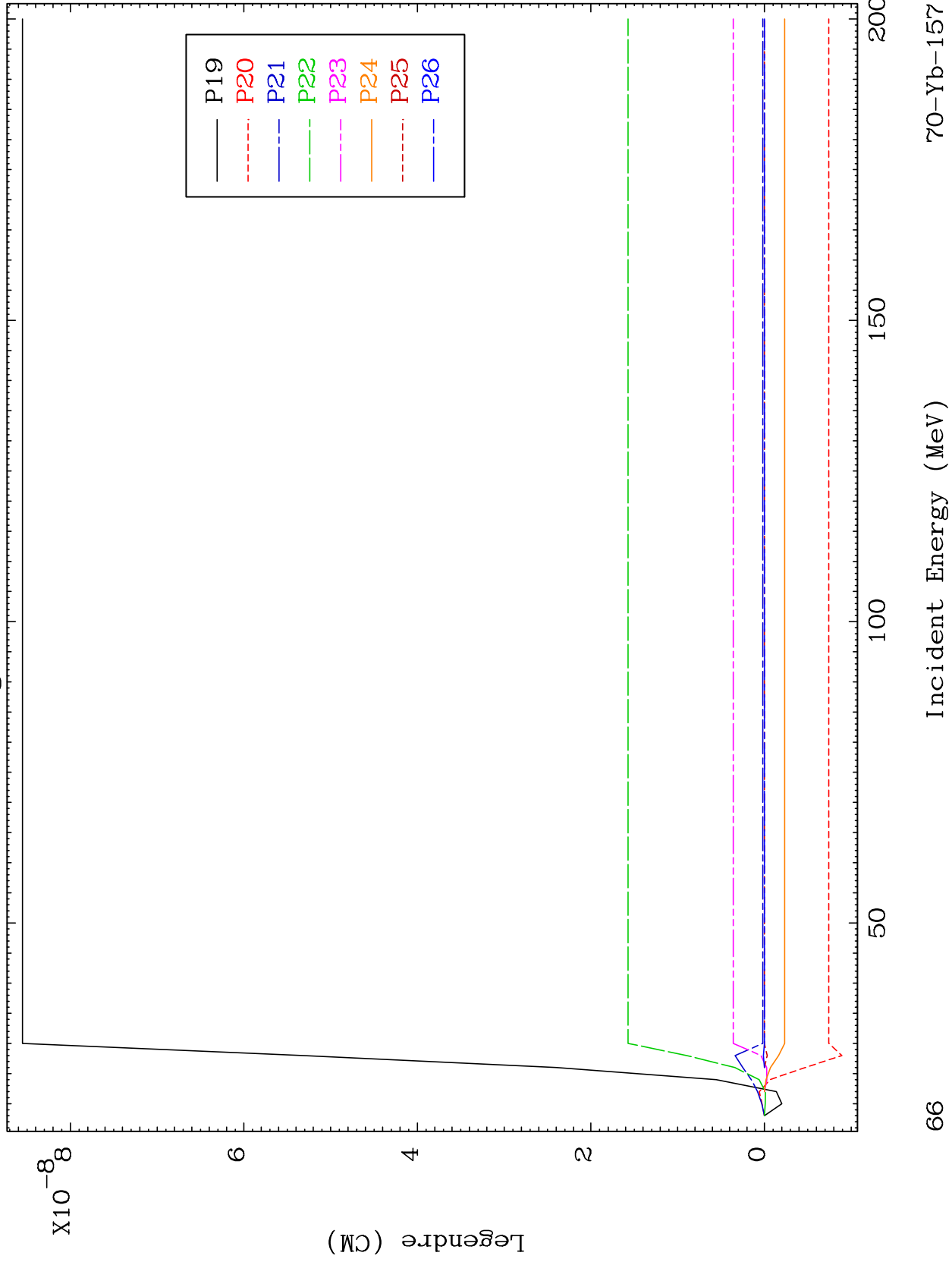
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 63 (n,n') Level
Legendre Coefficients

70-Yb-157



66

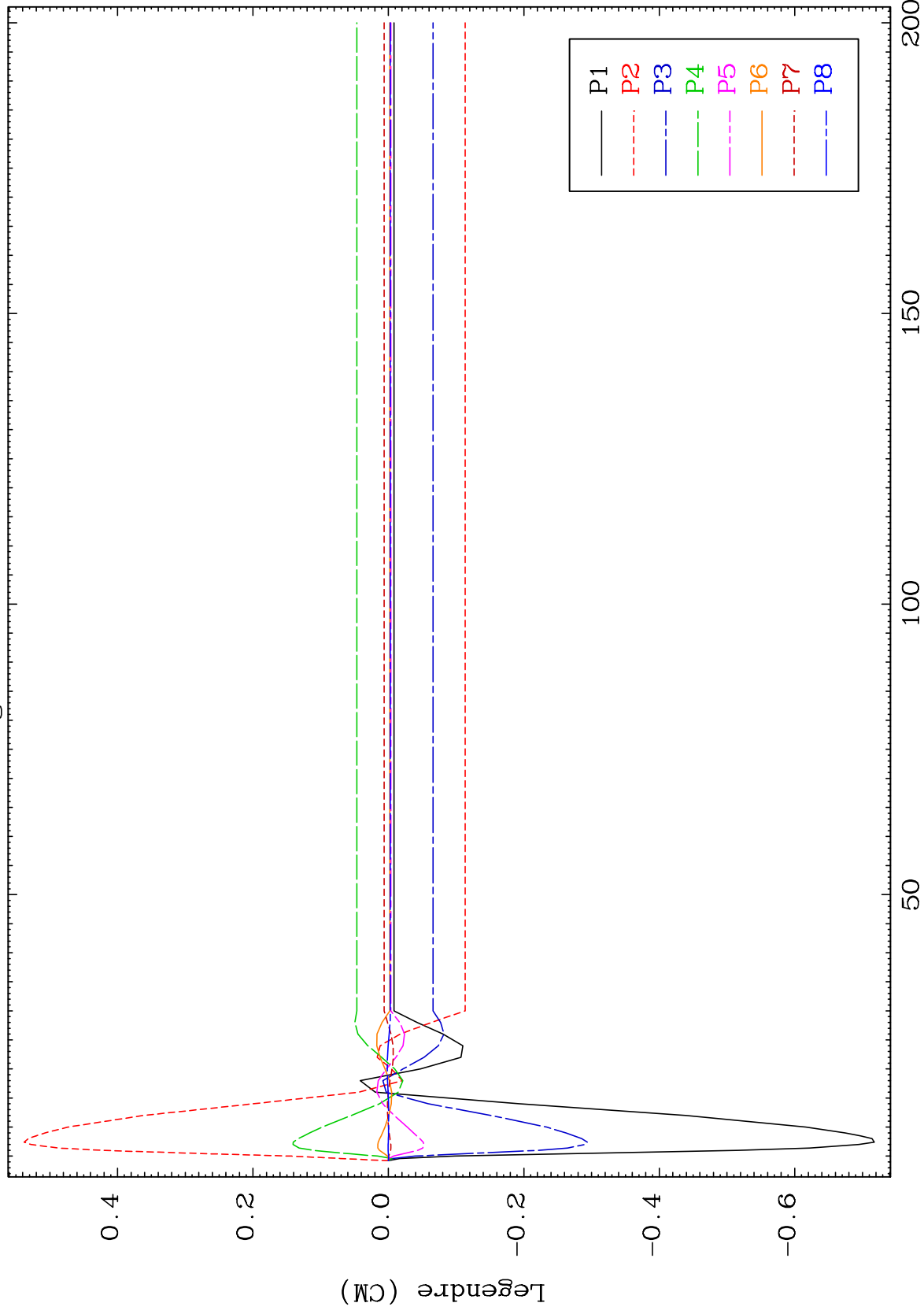
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 64 (n,n') Level
Legendre Coefficients

70-Yb-157



67

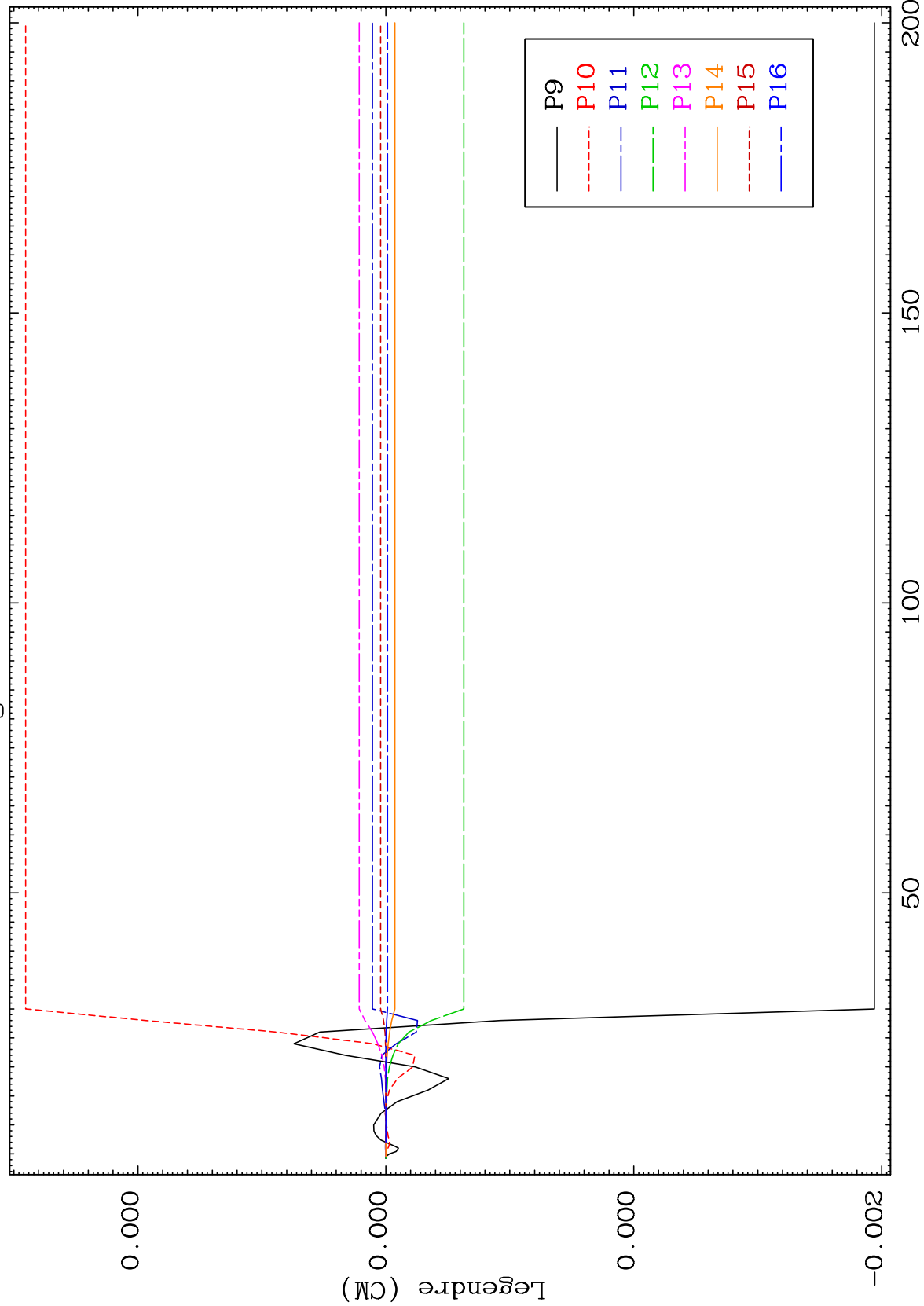
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 64 (n,n') Level
Legendre Coefficients

70-Yb-157



68

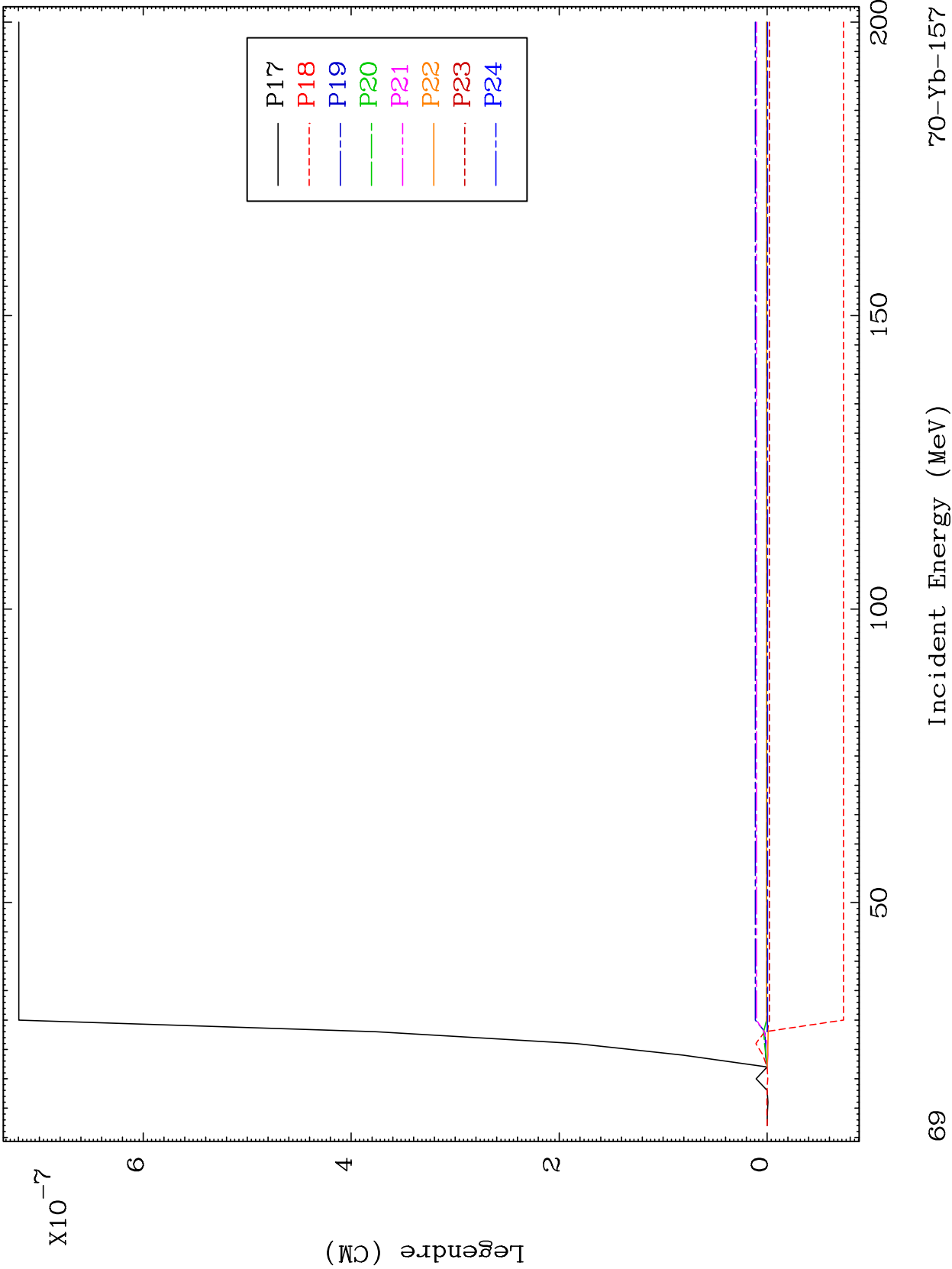
Incident Energy (MeV)

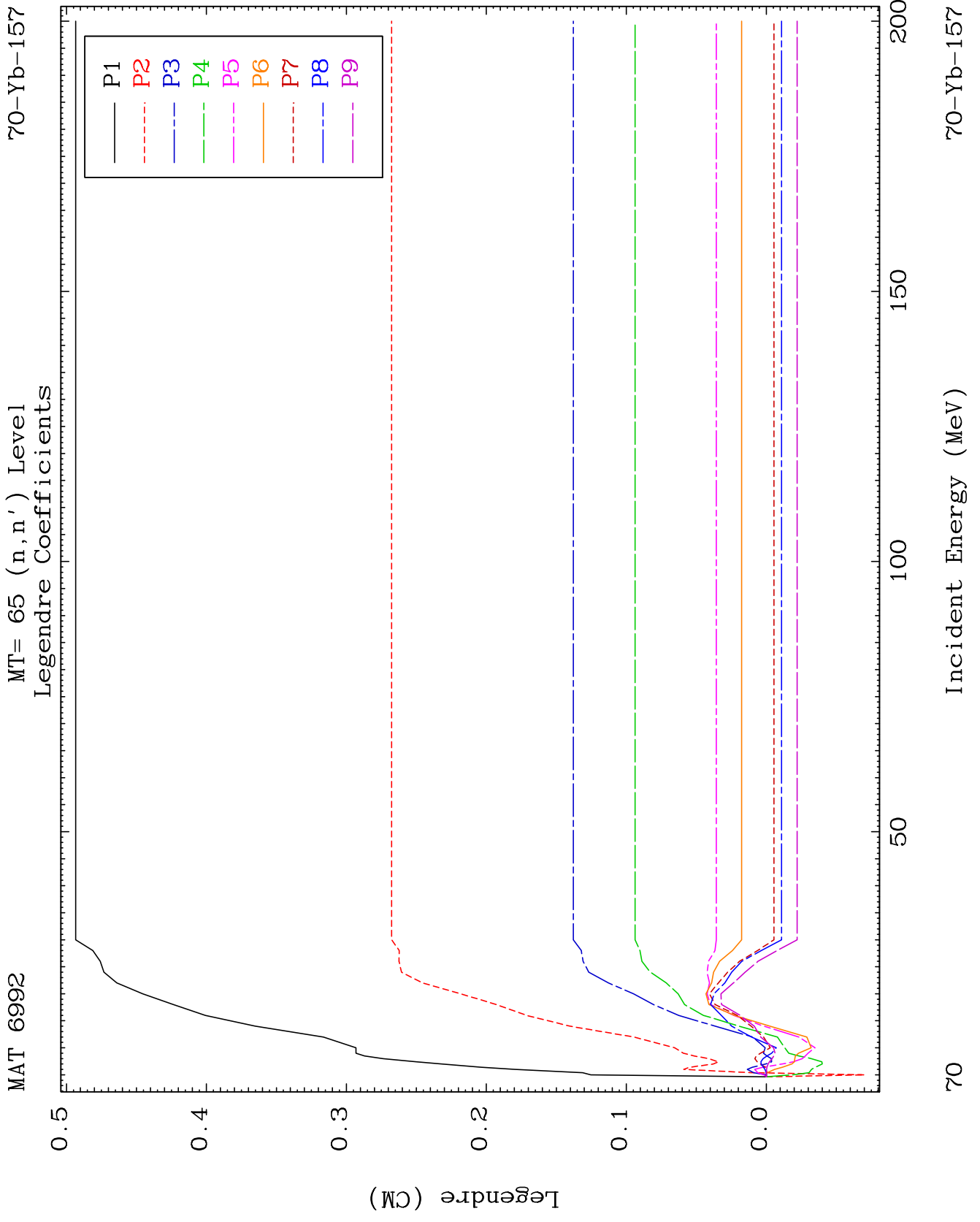
70-Yb-157

MAT 6992

MT= 64 (n,n') Level
Legendre Coefficients

70-Yb-157

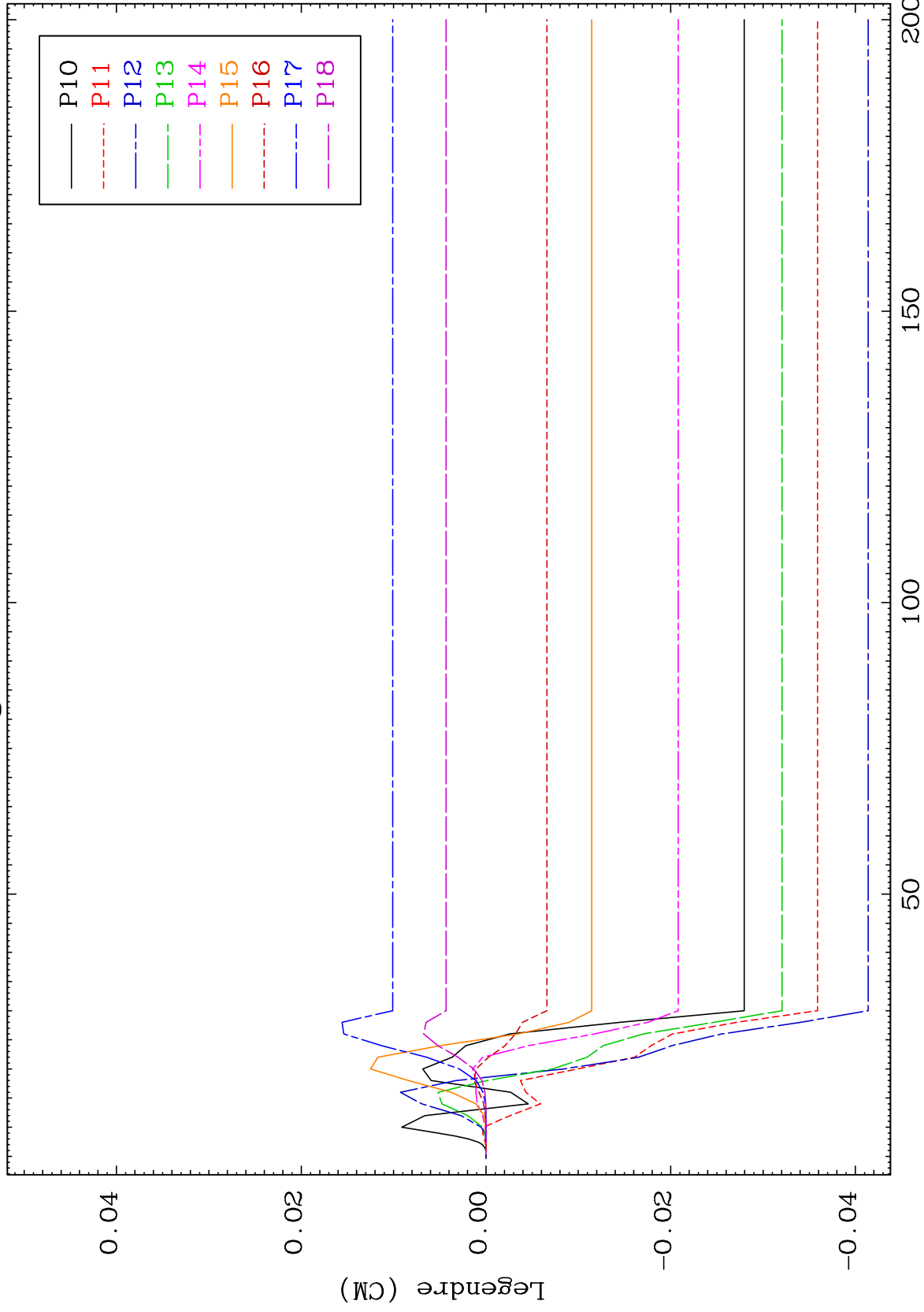




MAT 6992

MT= 65 (n,n') Level
Legendre Coefficients

70-Yb-157



71

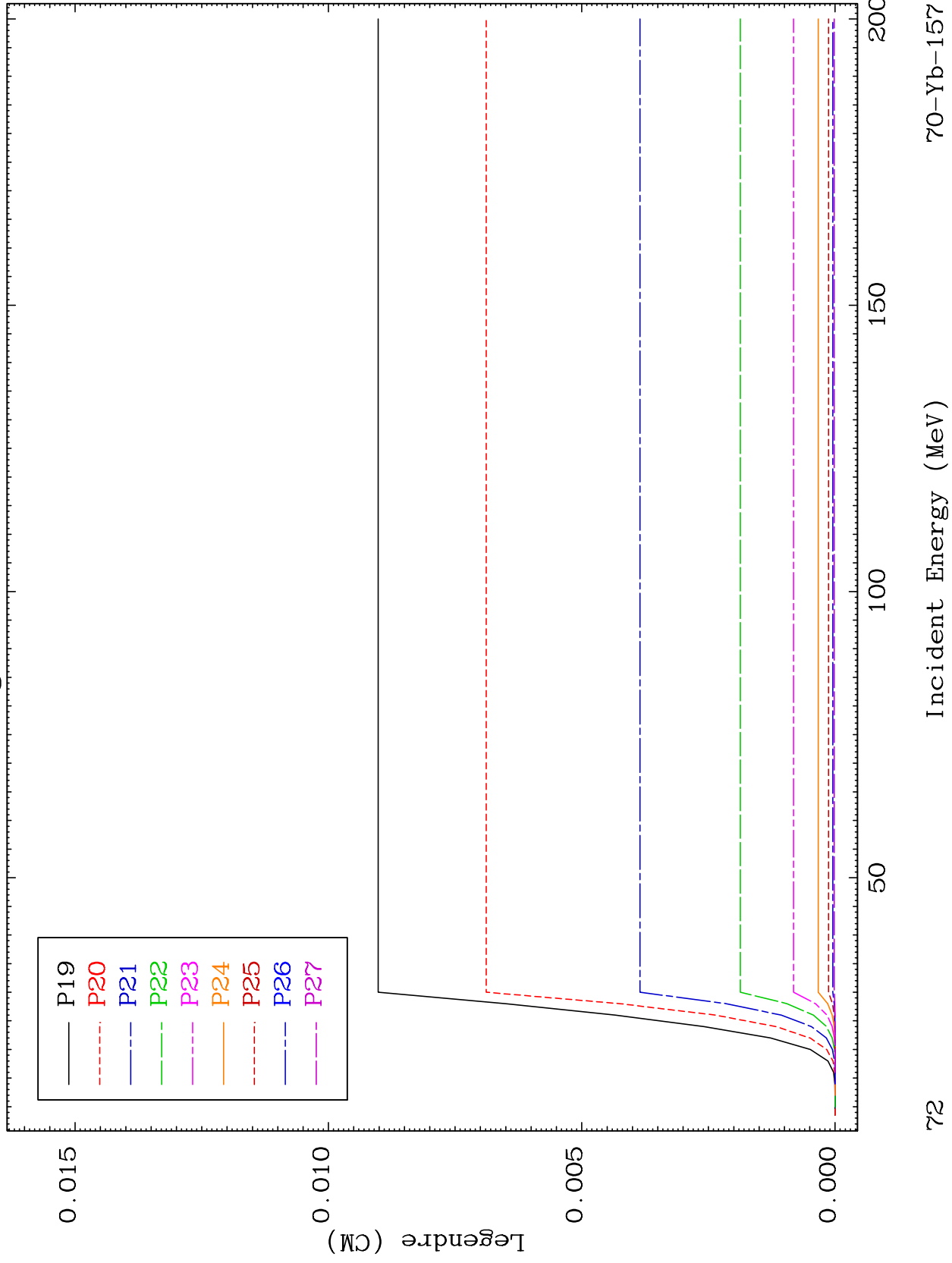
Incident Energy (MeV)

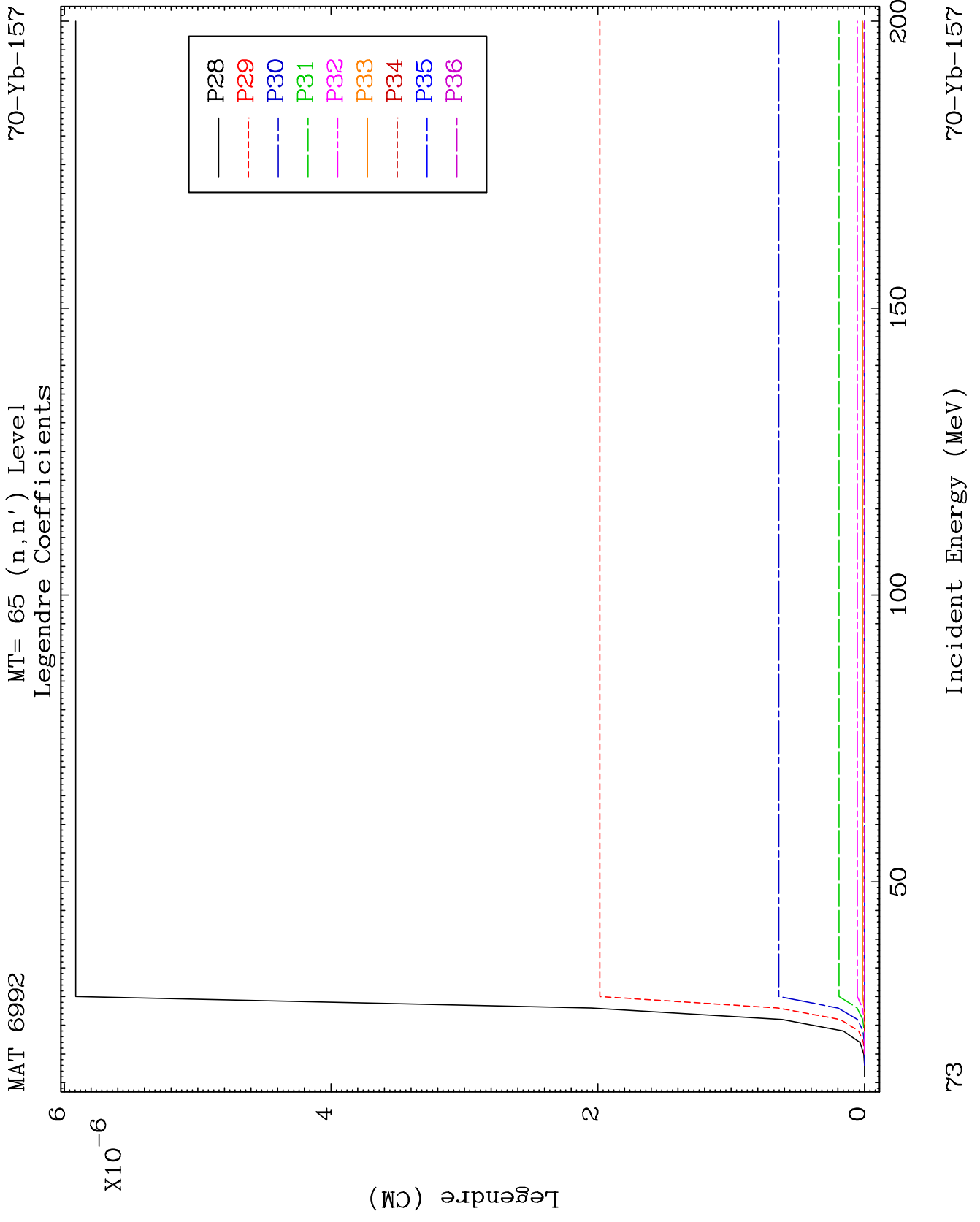
70-Yb-157

MAT 6992

MT= 65 (n,n') Level
Legendre Coefficients

70-Yb-157

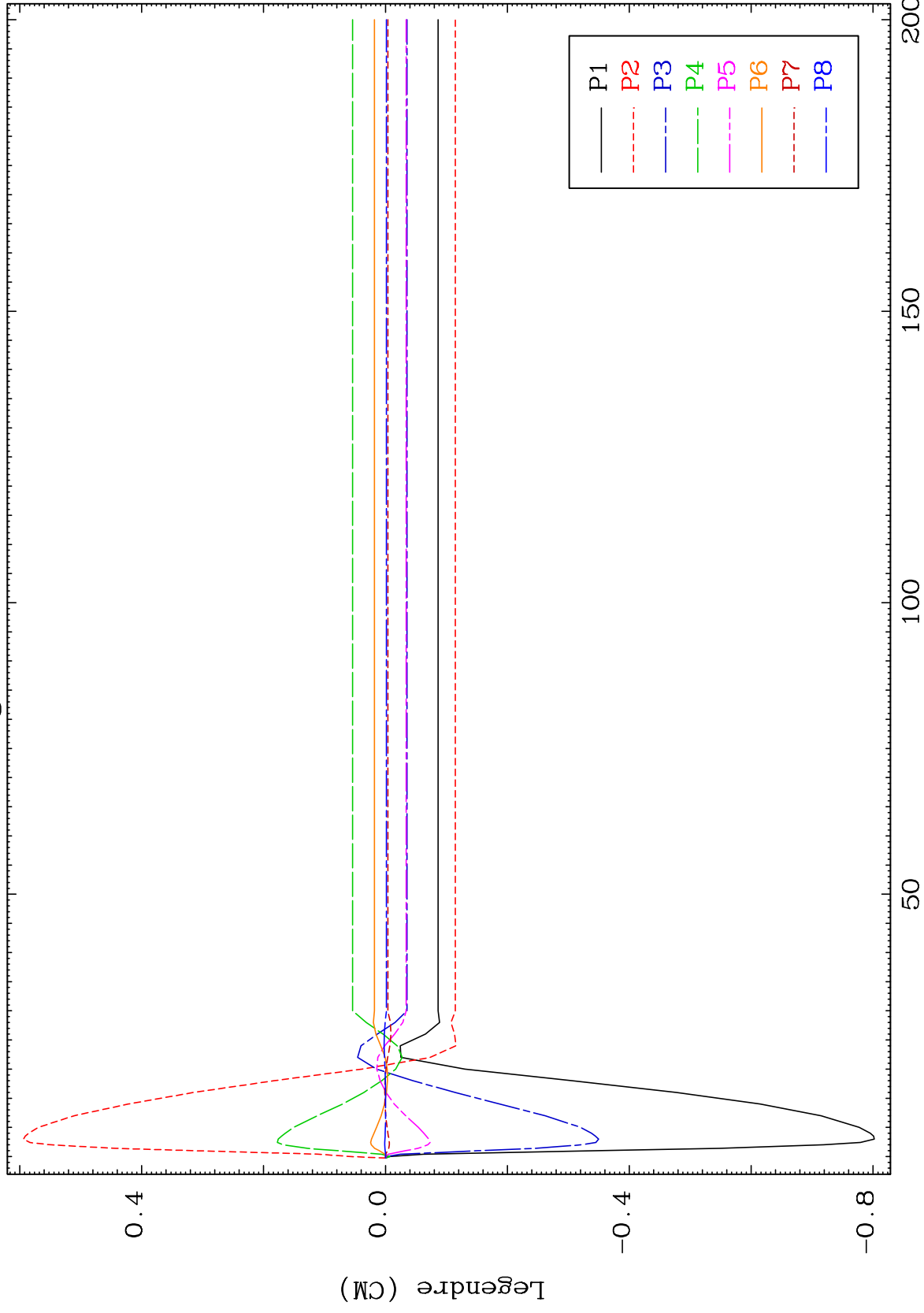




MAT 6992

MT= 66 (n,n') Level
Legendre Coefficients

70-Yb-157



74

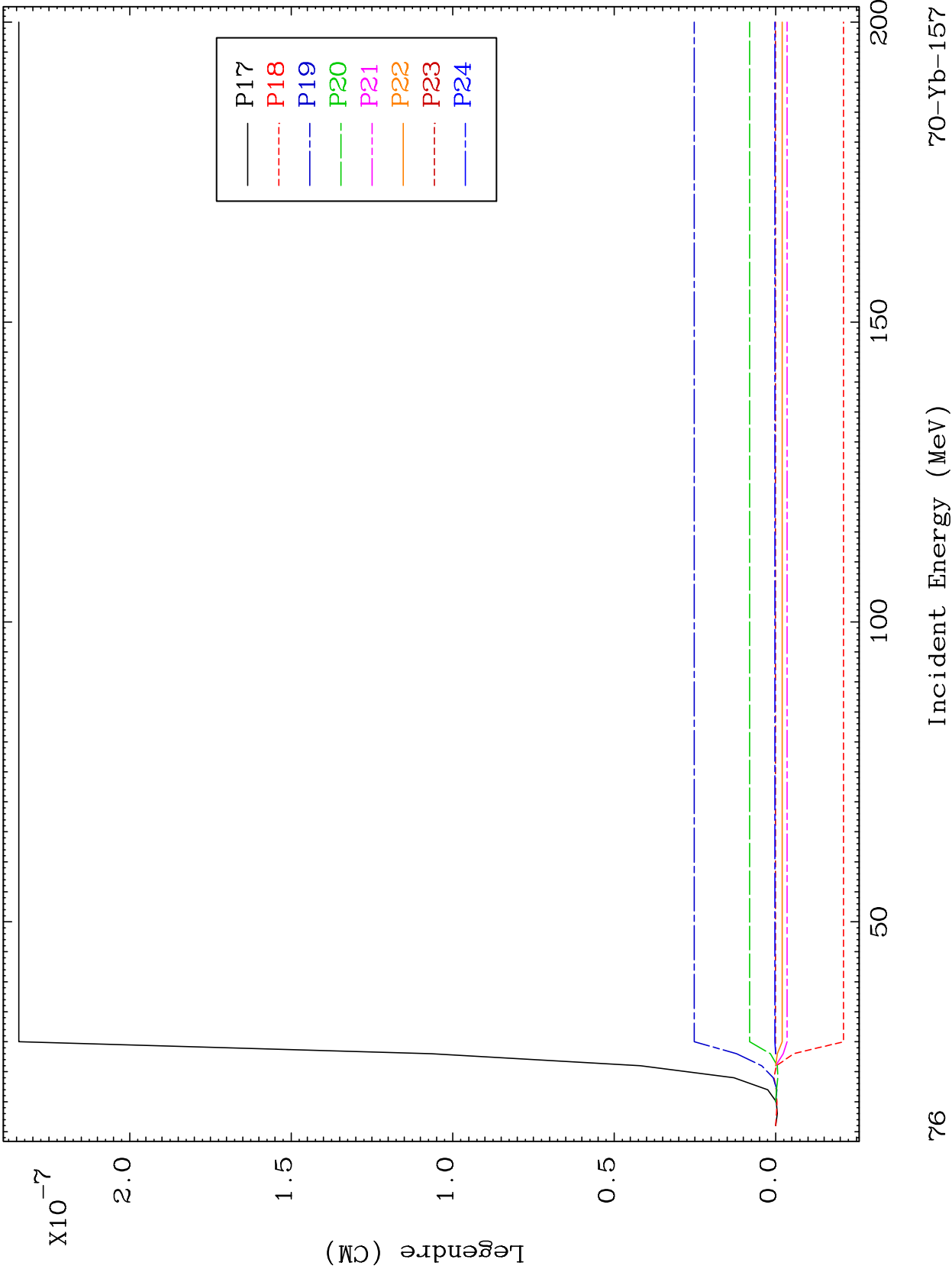
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 66 (n,n') Level
Legendre Coefficients

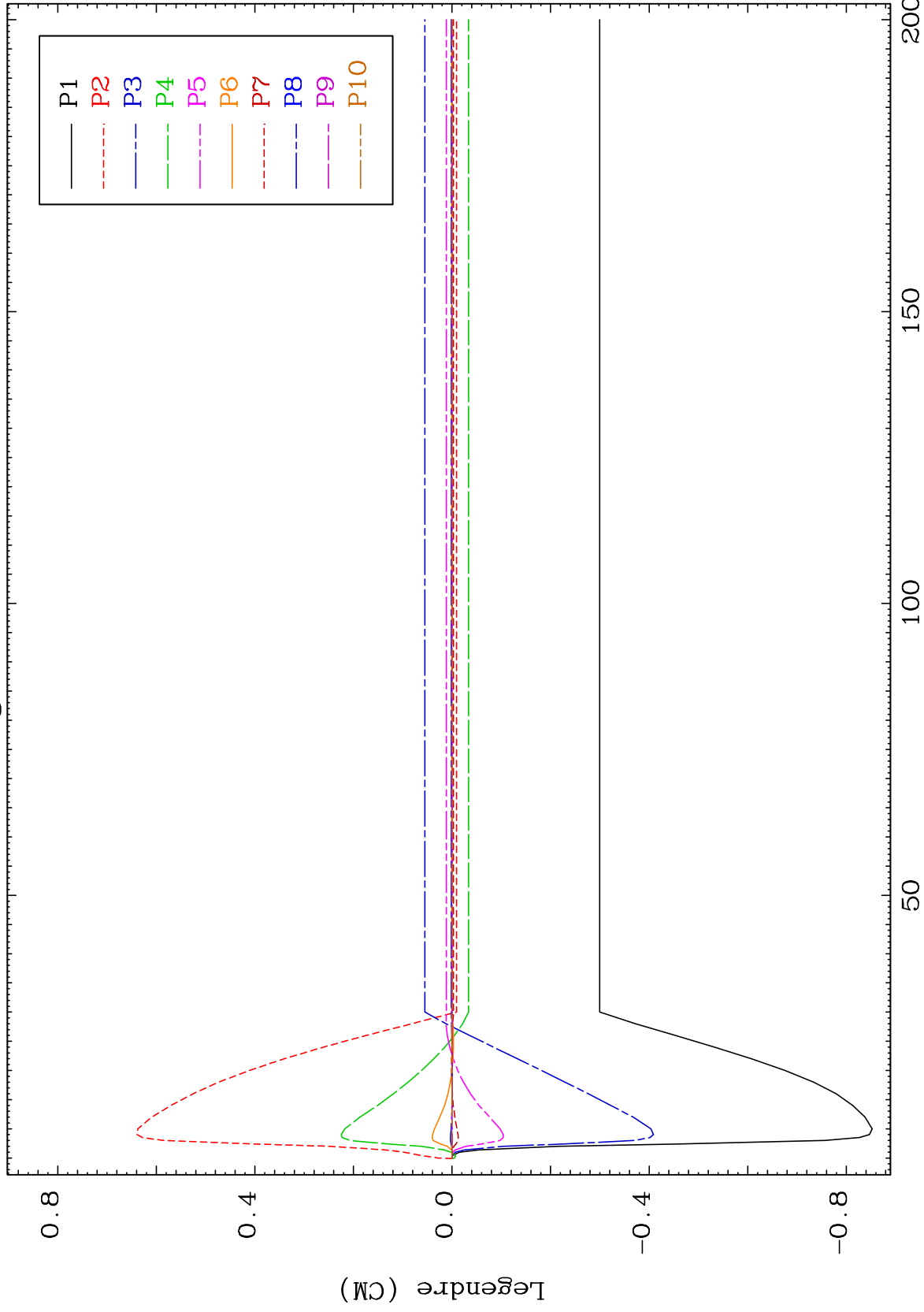
70-Yb-157



MAT 6992

MT= 67 (n,n') Level
Legendre Coefficients

70-Yb-157



77

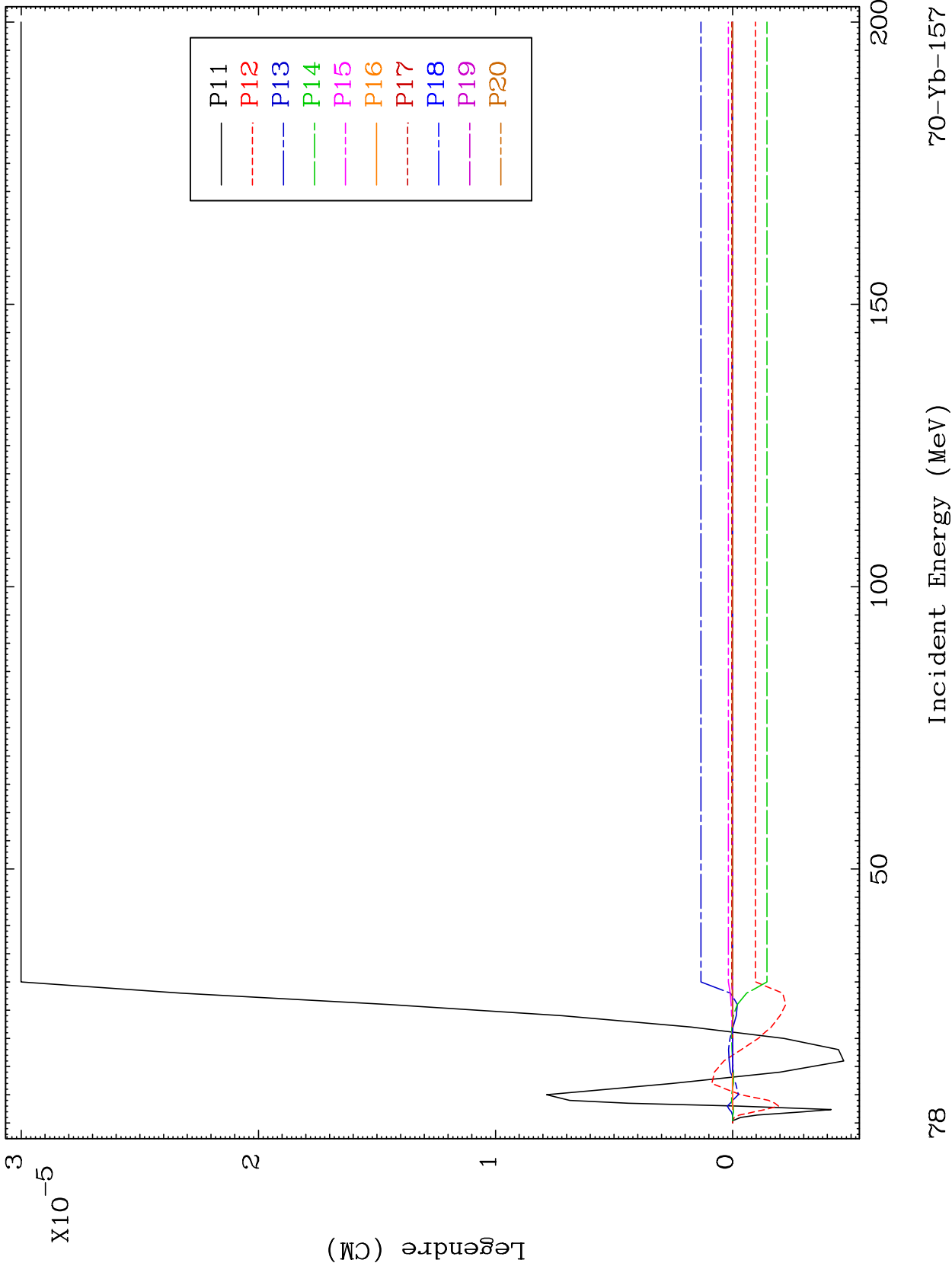
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 67 (n,n') Level
Legendre Coefficients

70-Yb-157



78

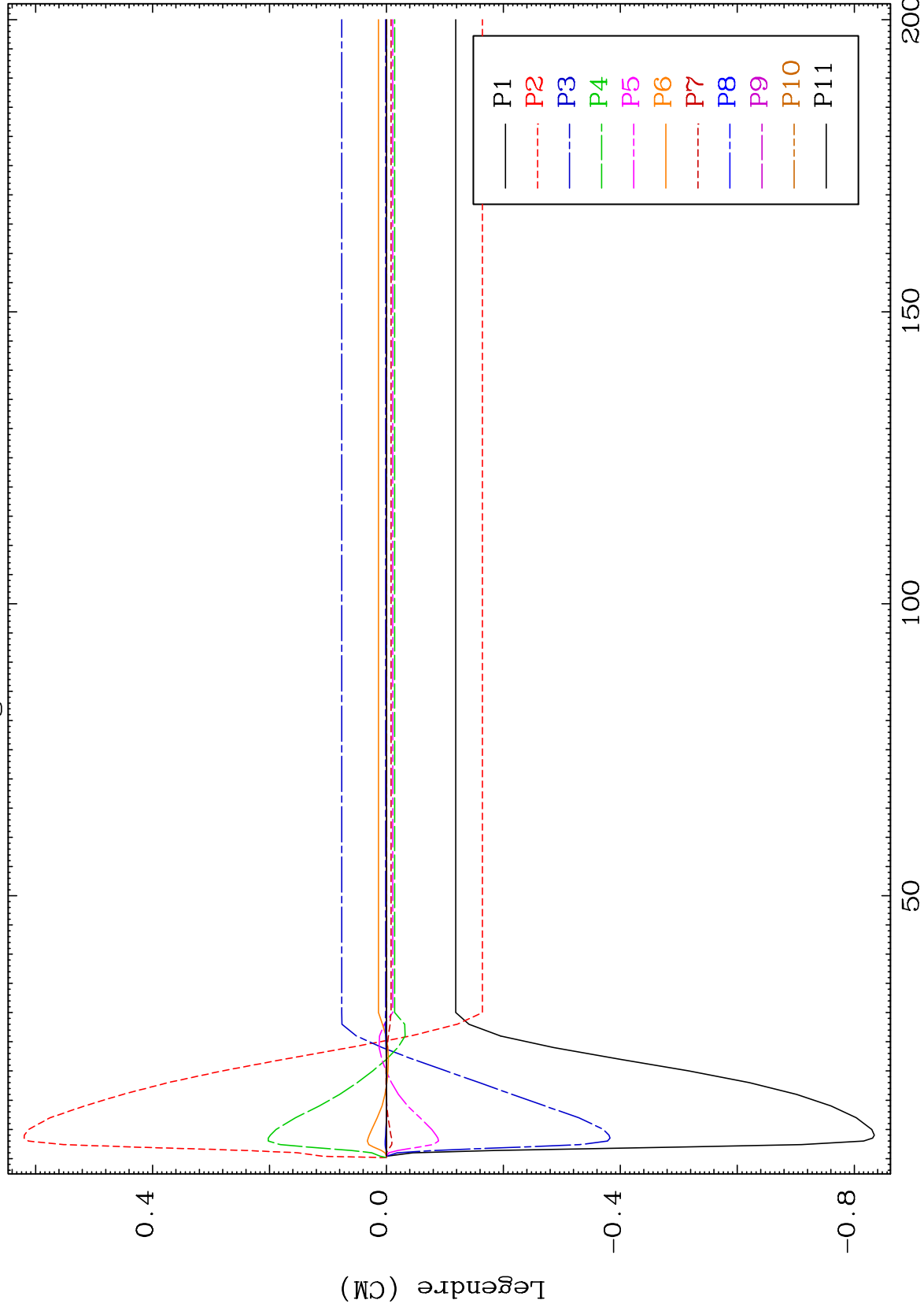
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 68 (n,n') Level
Legendre Coefficients

70-Yb-157



79

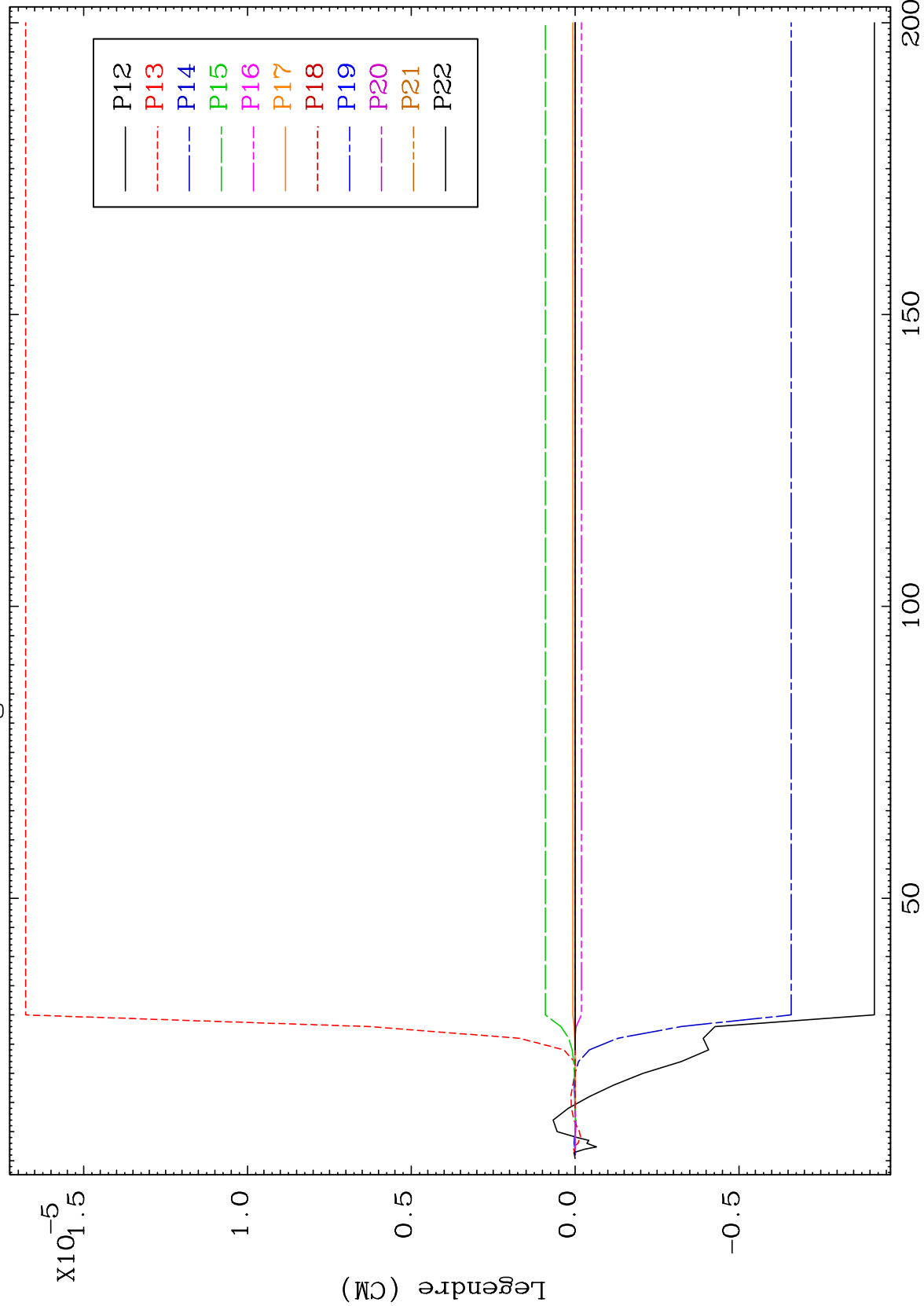
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 68 (n,n') Level
Legendre Coefficients

70-Yb-157



80

Incident Energy (MeV)

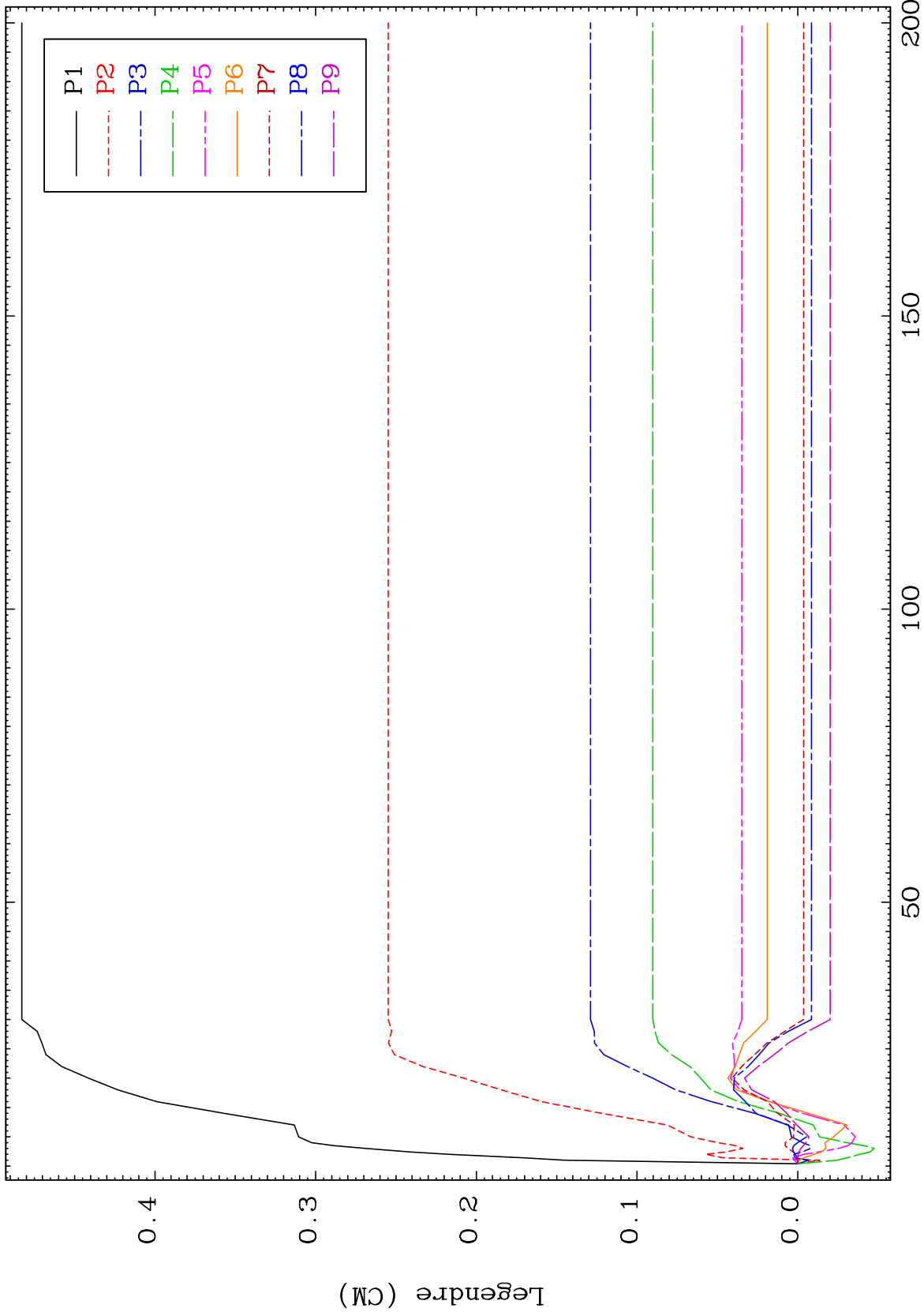
70-Yb-157

MAT 6992

MT= 69 (n,n') Level

70-Yb-157

Legendre Coefficients



81

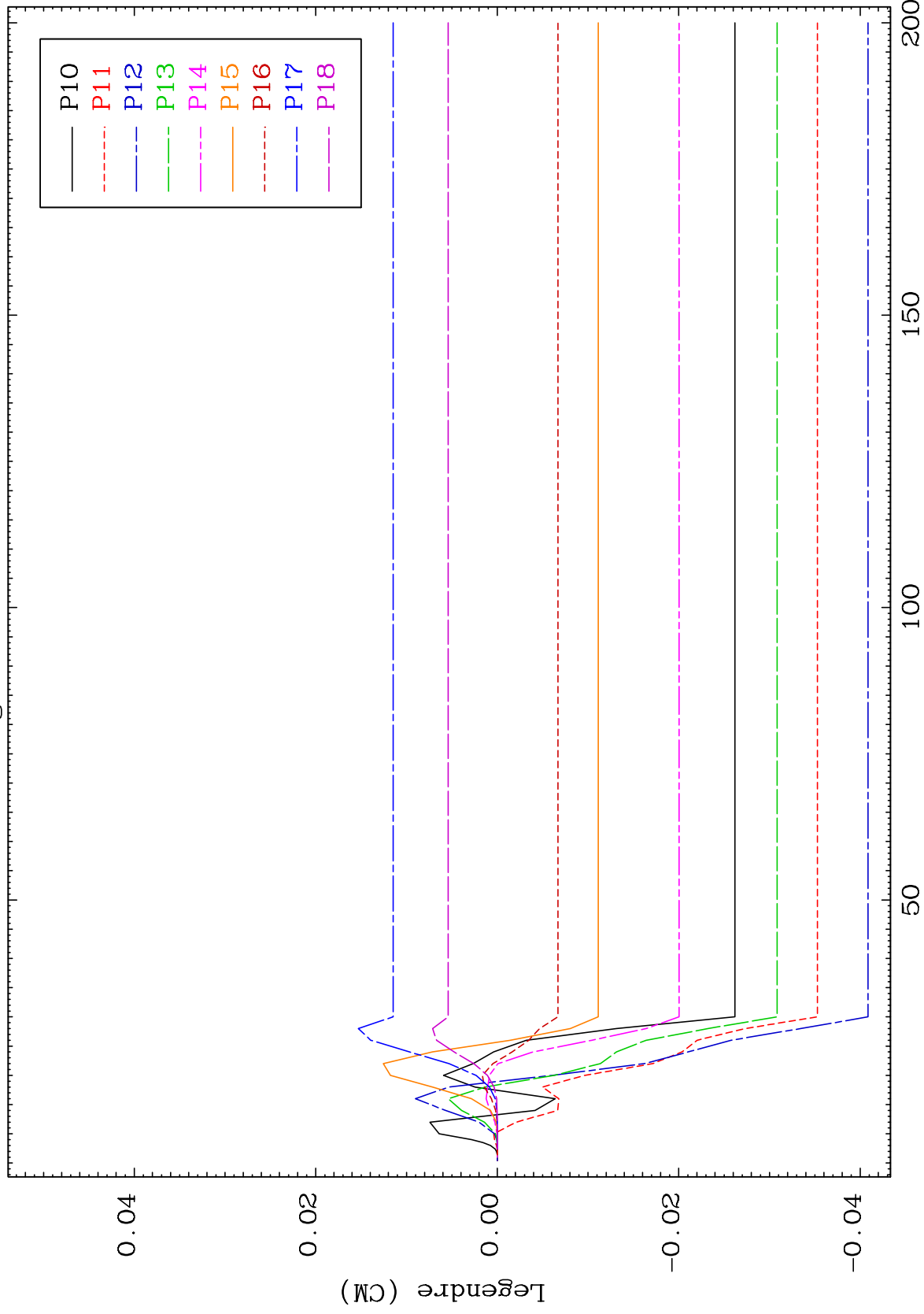
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 69 (n,n') Level
Legendre Coefficients

70-Yb-157



82

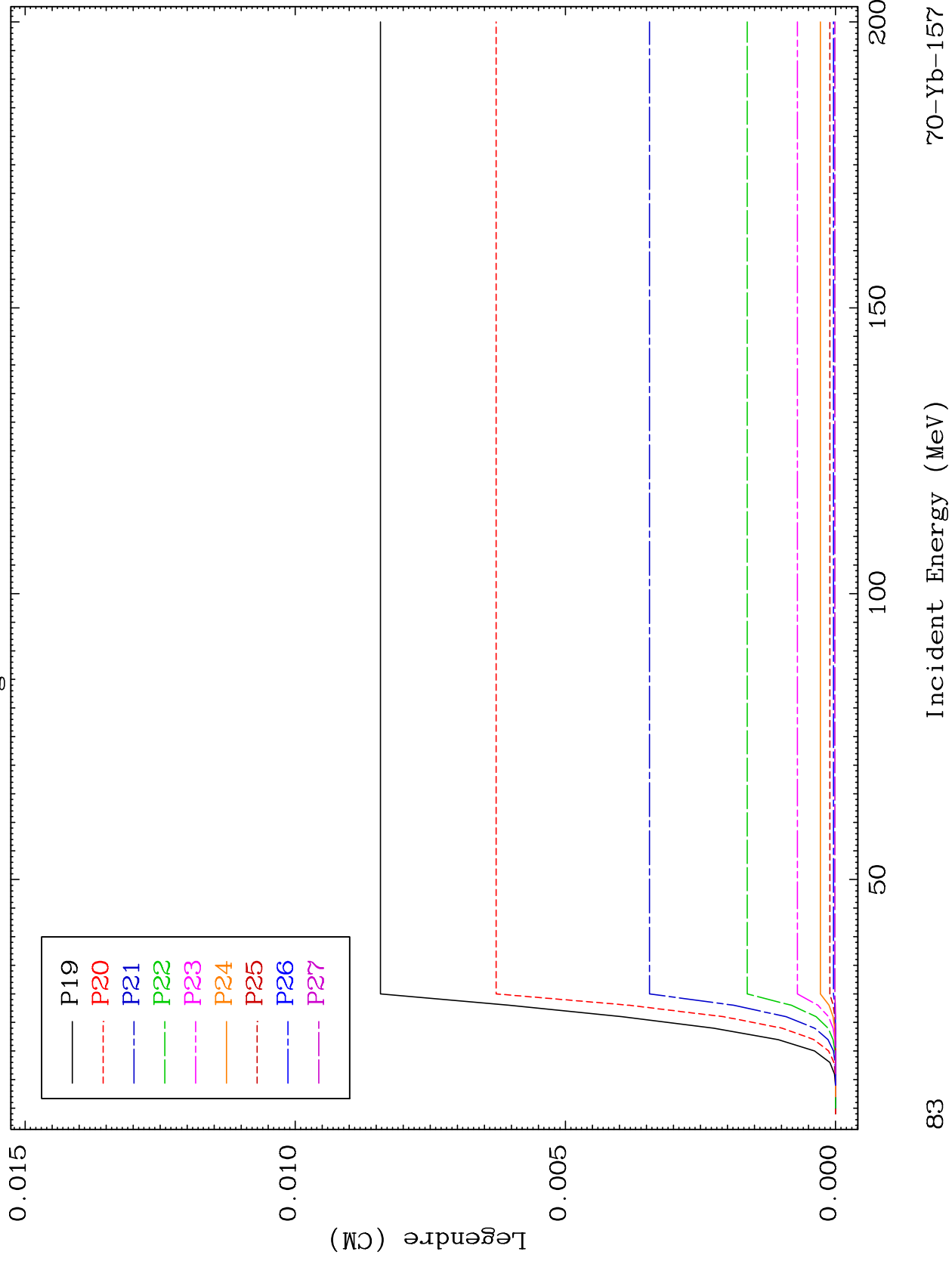
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 69 (n,n') Level
Legendre Coefficients

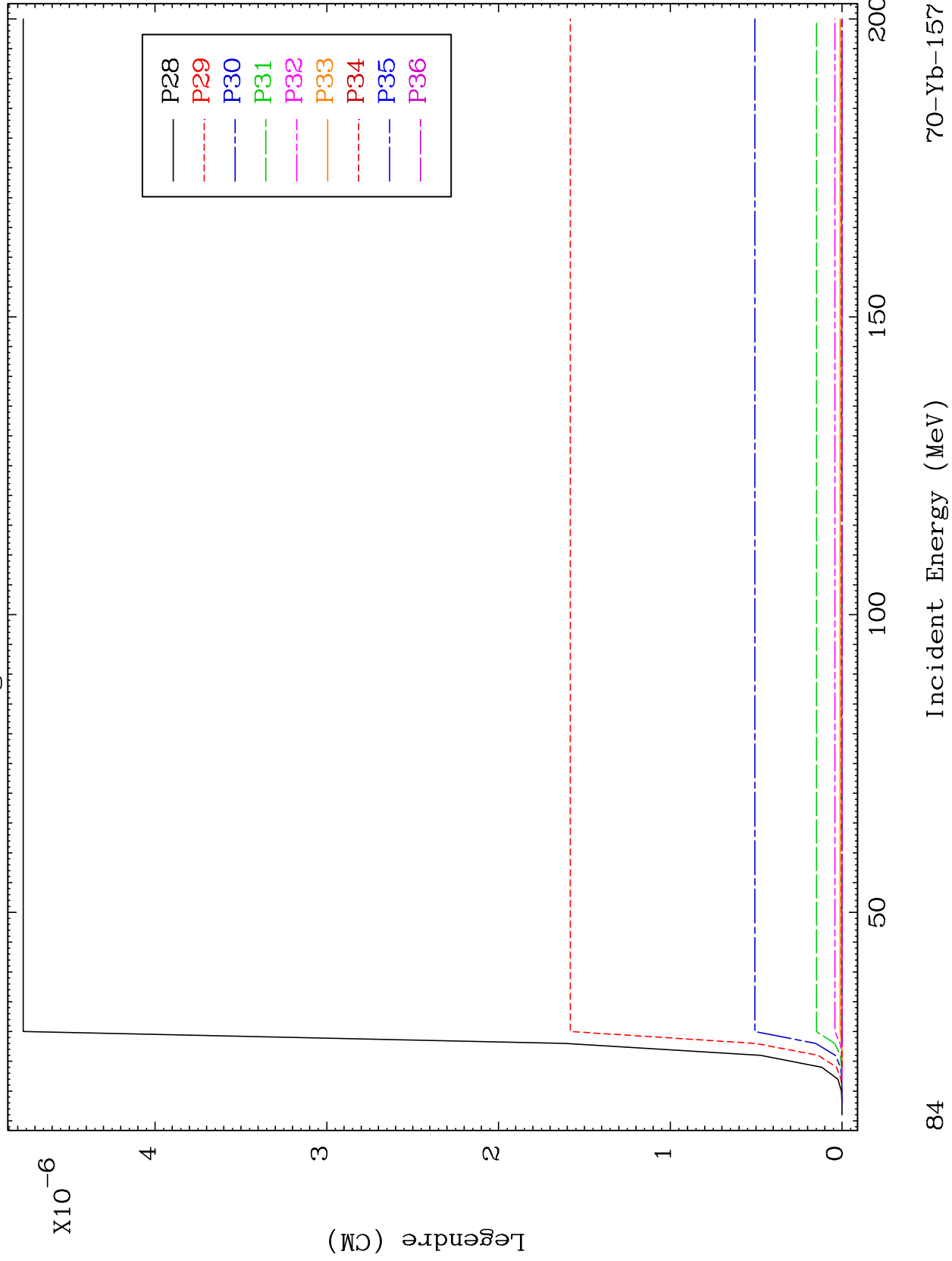
70-Yb-157



MAT 6992

MT= 69 (n,n') Level
Legendre Coefficients

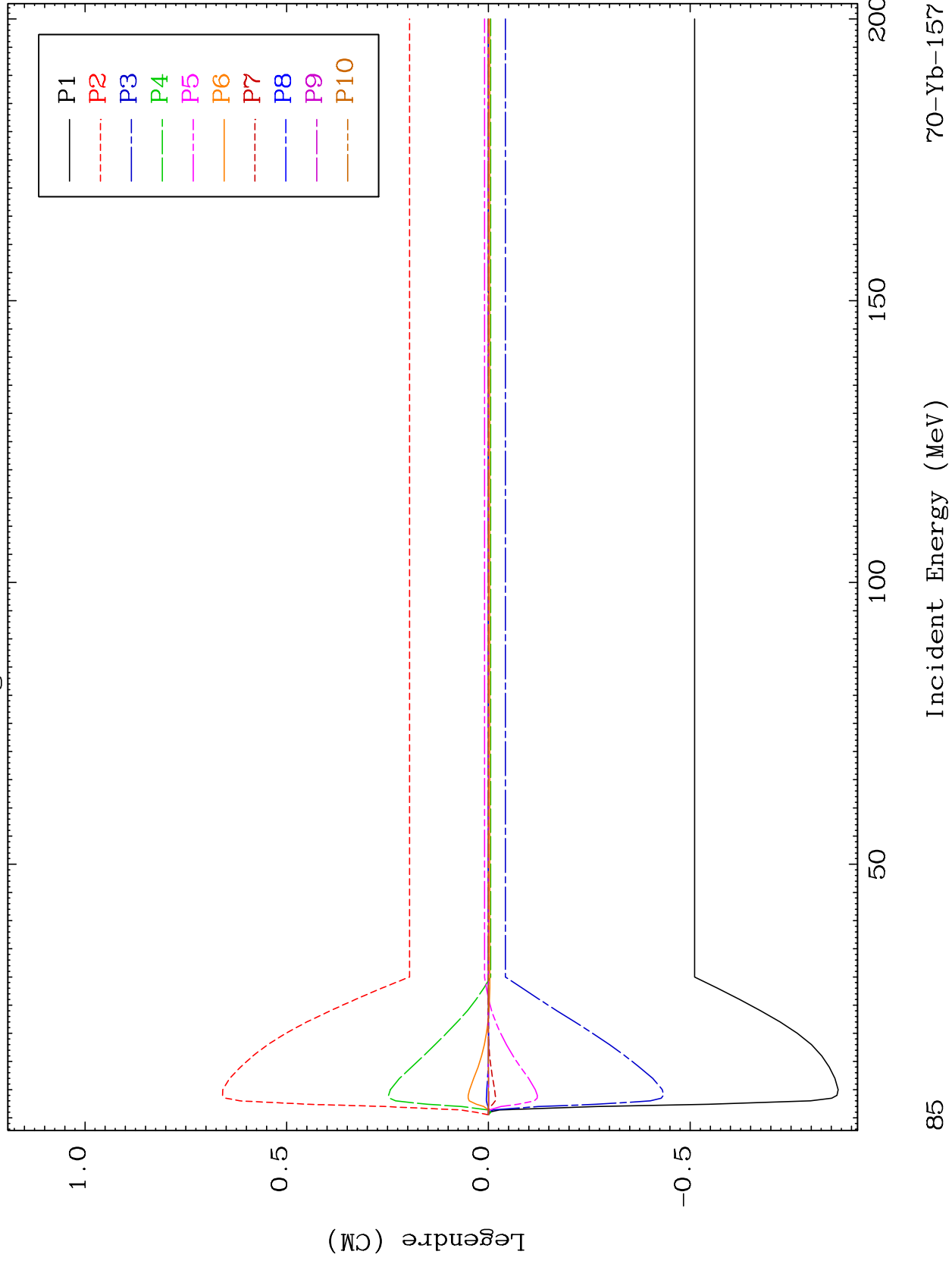
70-Yb-157



MAT 6992

MT= 70 (n,n') Level
Legendre Coefficients

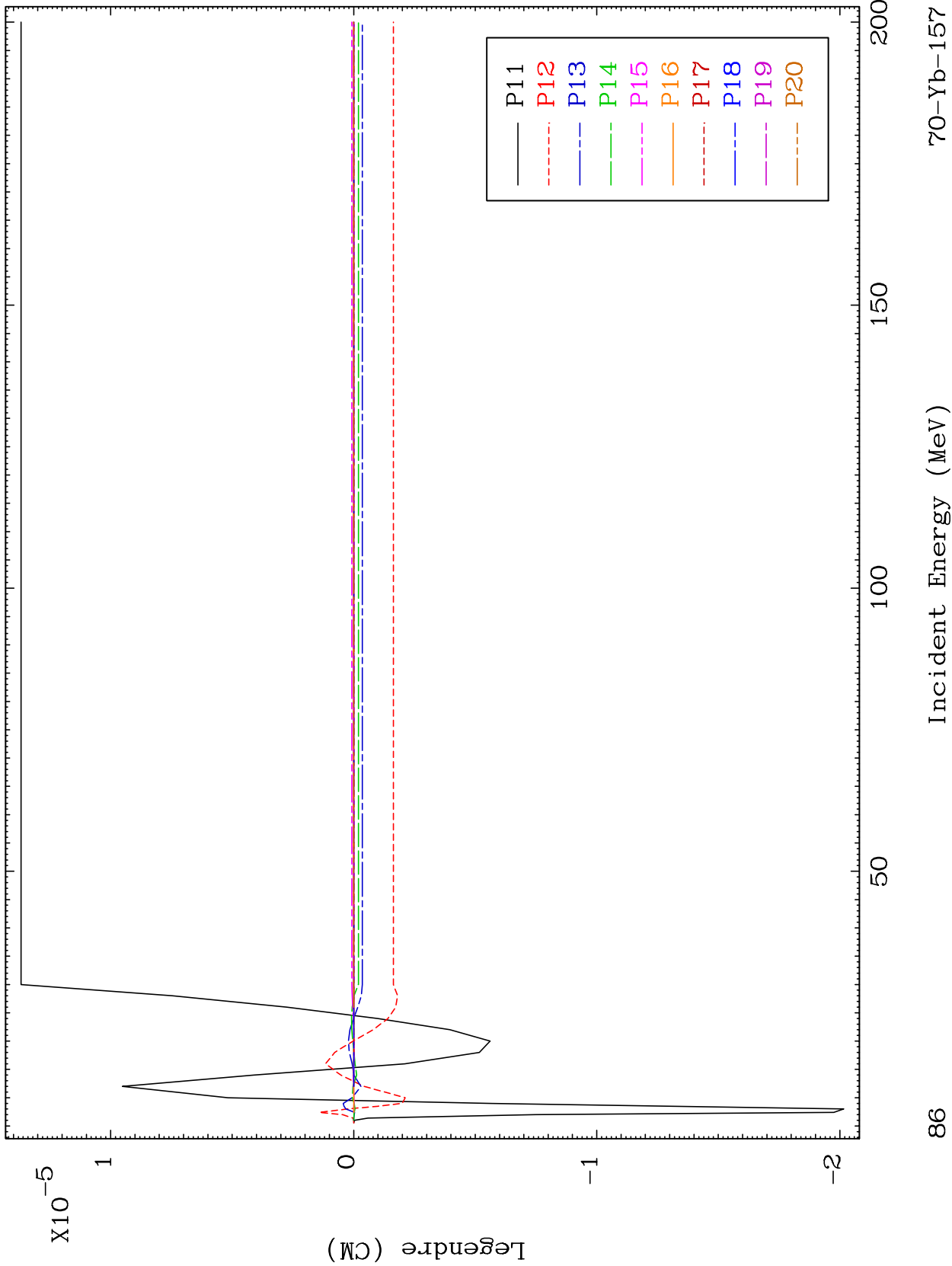
70-Yb-157



85

Incident Energy (MeV)

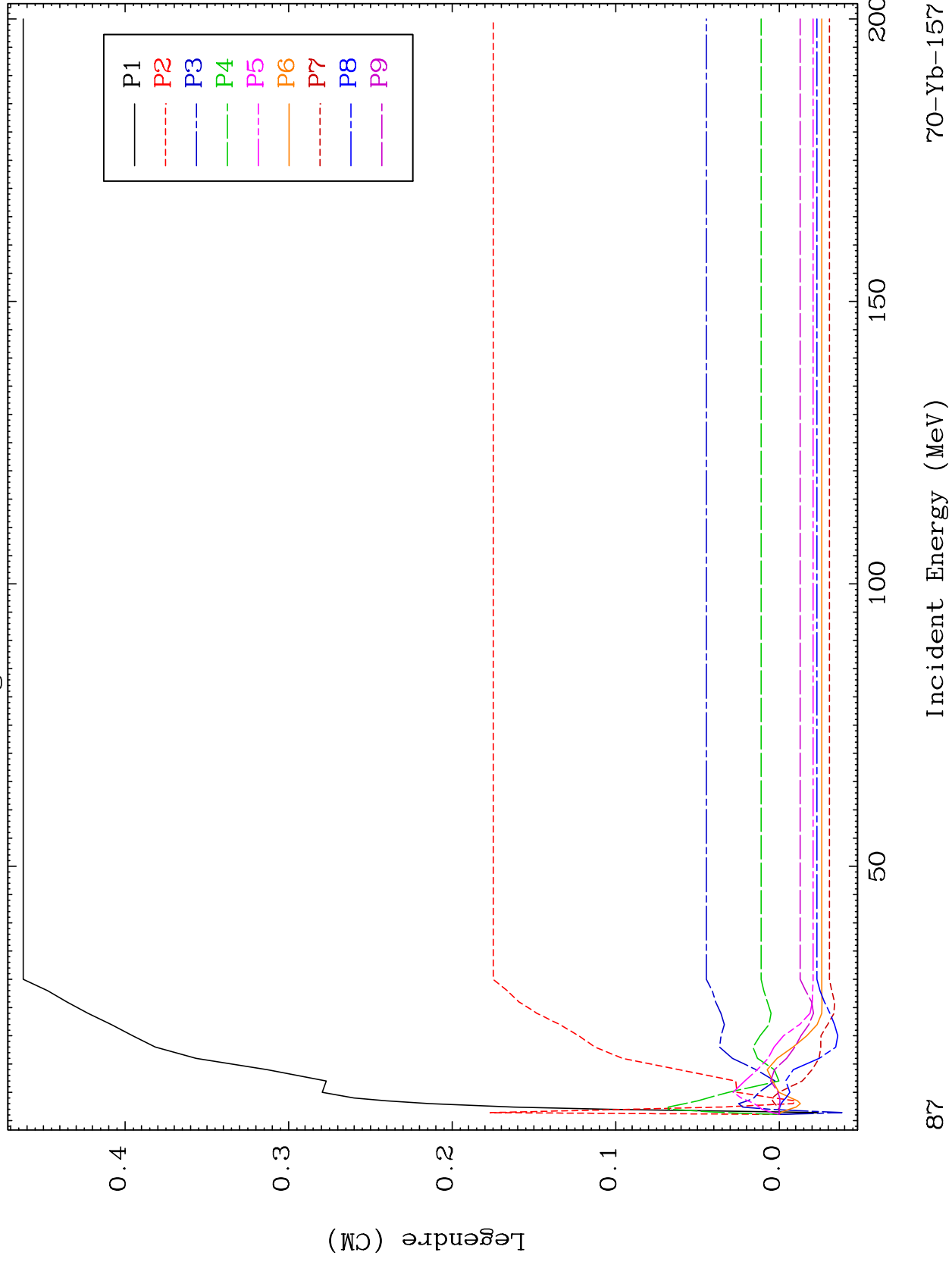
70-Yb-157



MAT 6992

MT= 71 (n,n') Level
Legendre Coefficients

70-Yb-157



87

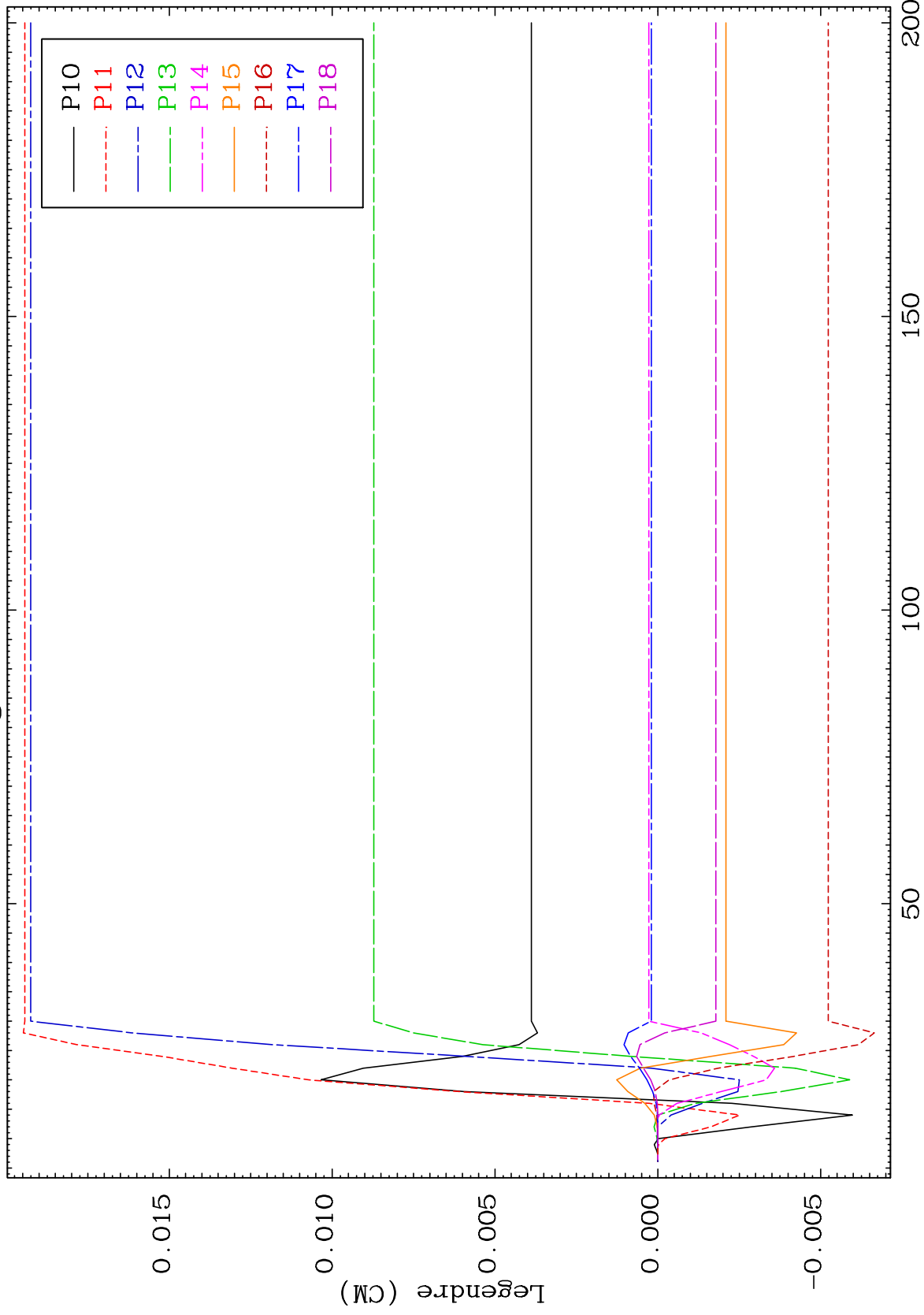
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 71 (n,n') Level
Legendre Coefficients

70-Yb-157



88

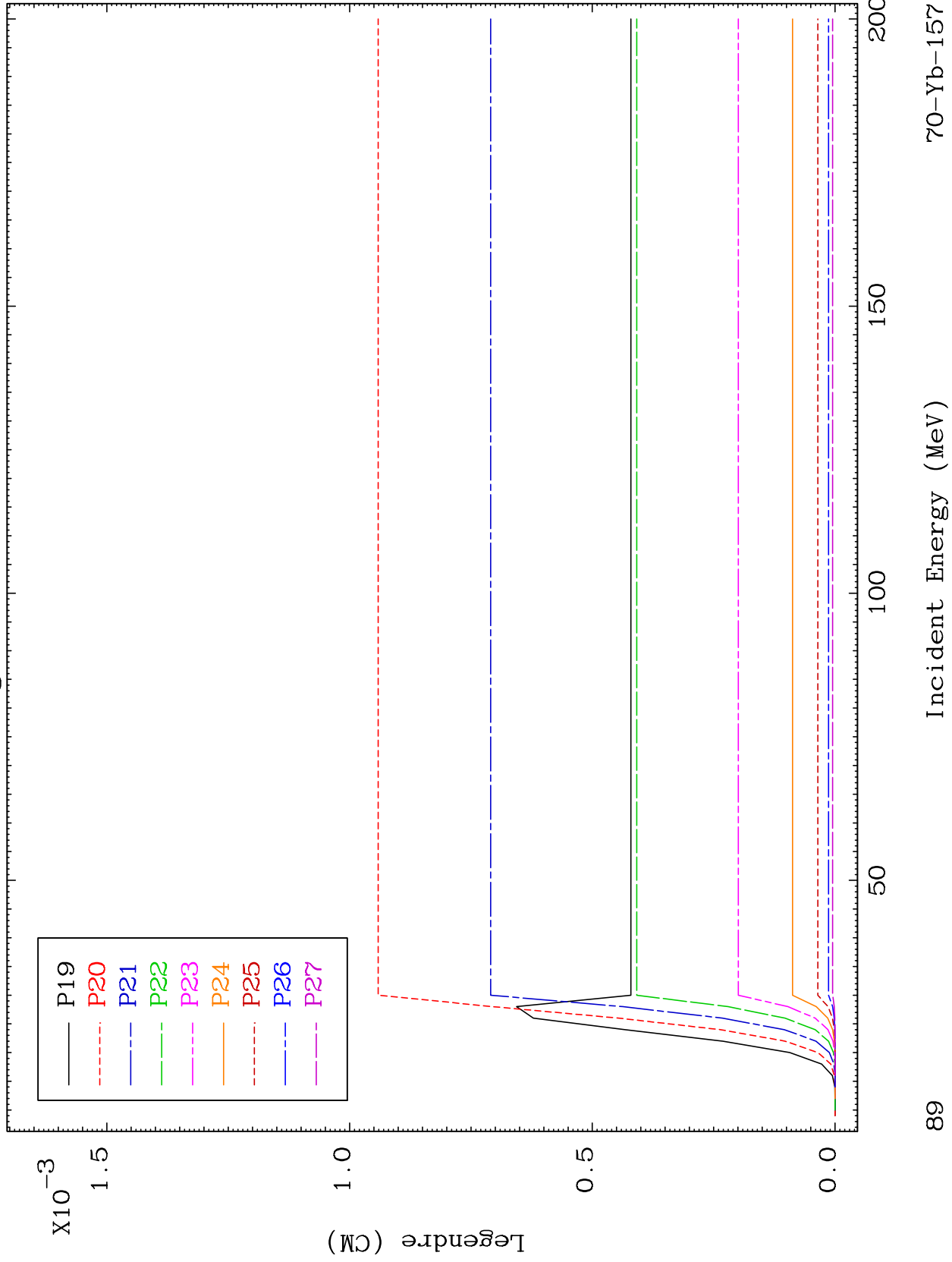
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 71 (n,n') Level
Legendre Coefficients

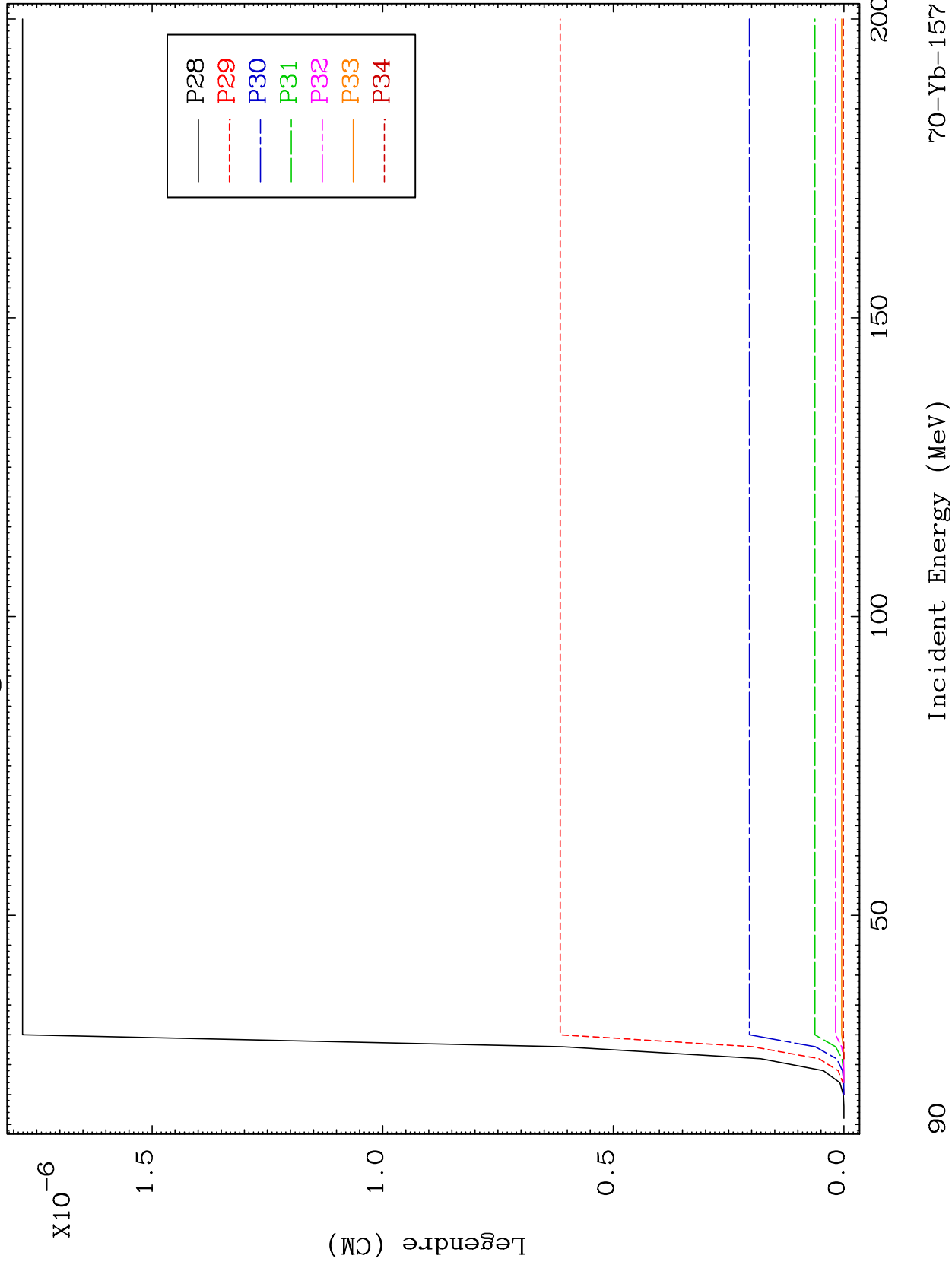
70-Yb-157



MAT 6992

MT= 71 (n,n') Level
Legendre Coefficients

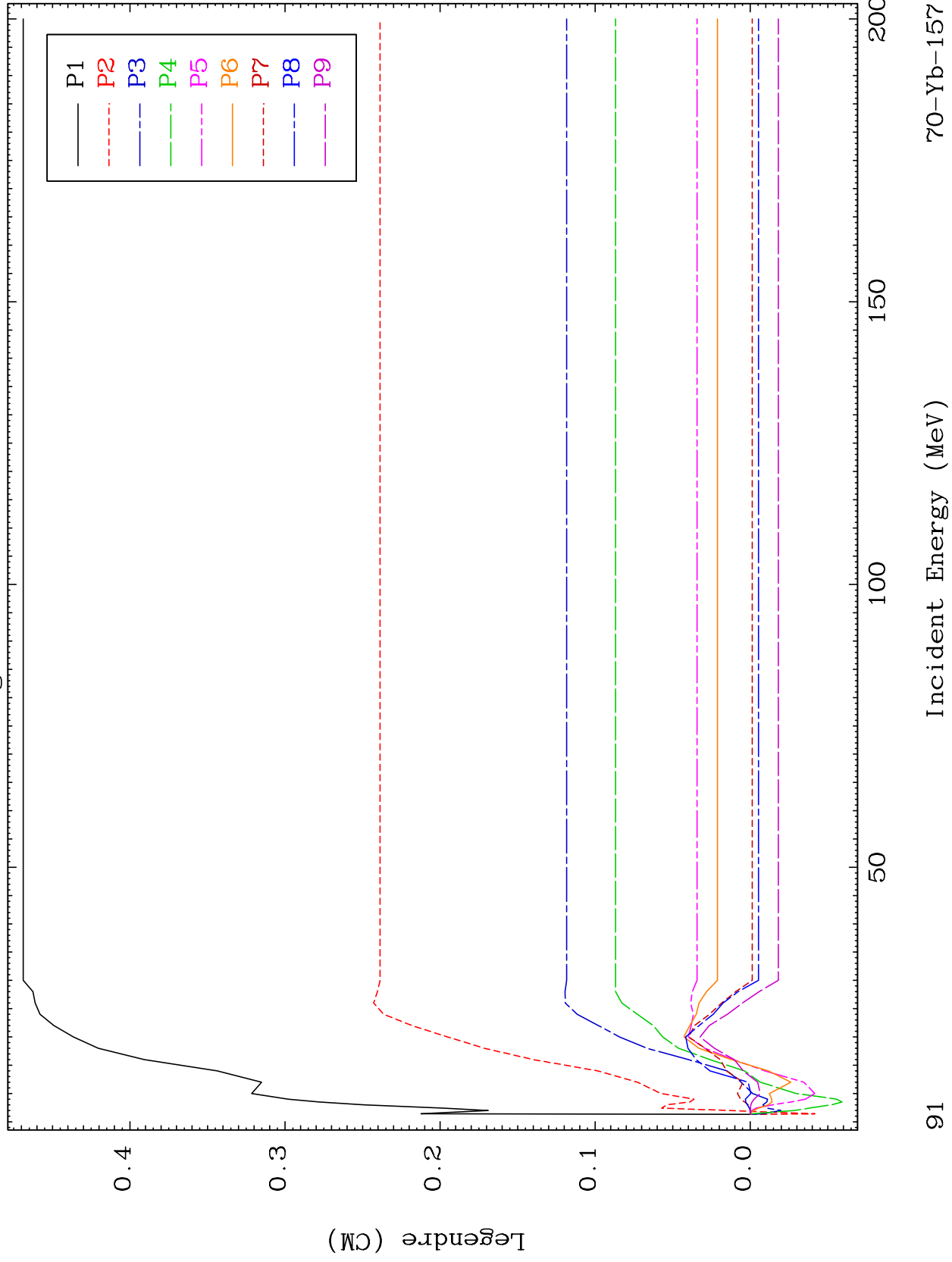
70-Yb-157



MAT 6992

MT= 72 (n,n') Level
Legendre Coefficients

70-Yb-157



91

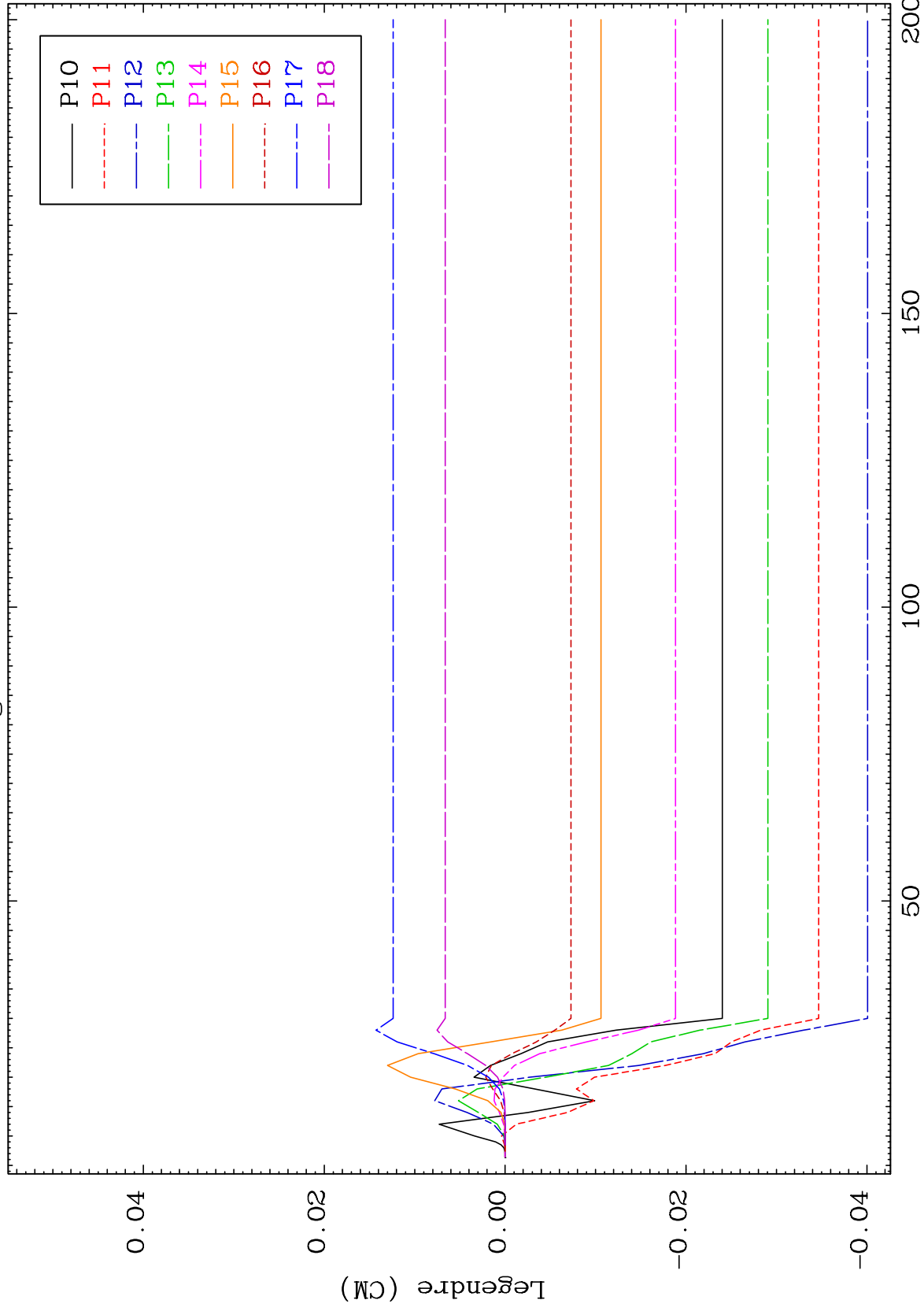
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 72 (n,n') Level
Legendre Coefficients

70-Yb-157



92

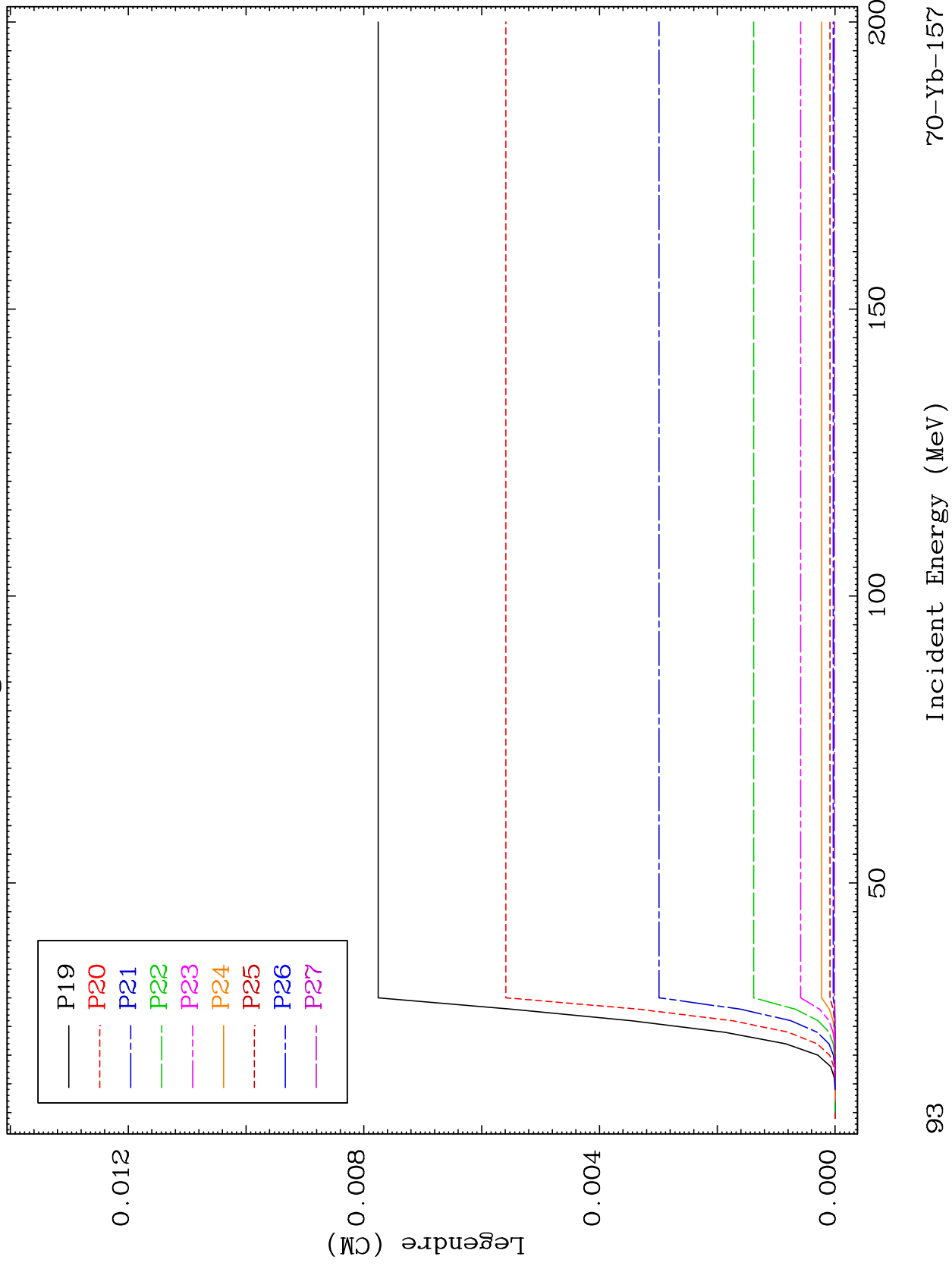
Incident Energy (MeV)

70-Yb-157

MAT 6992

MT= 72 (n,n') Level
Legendre Coefficients

70-Yb-157



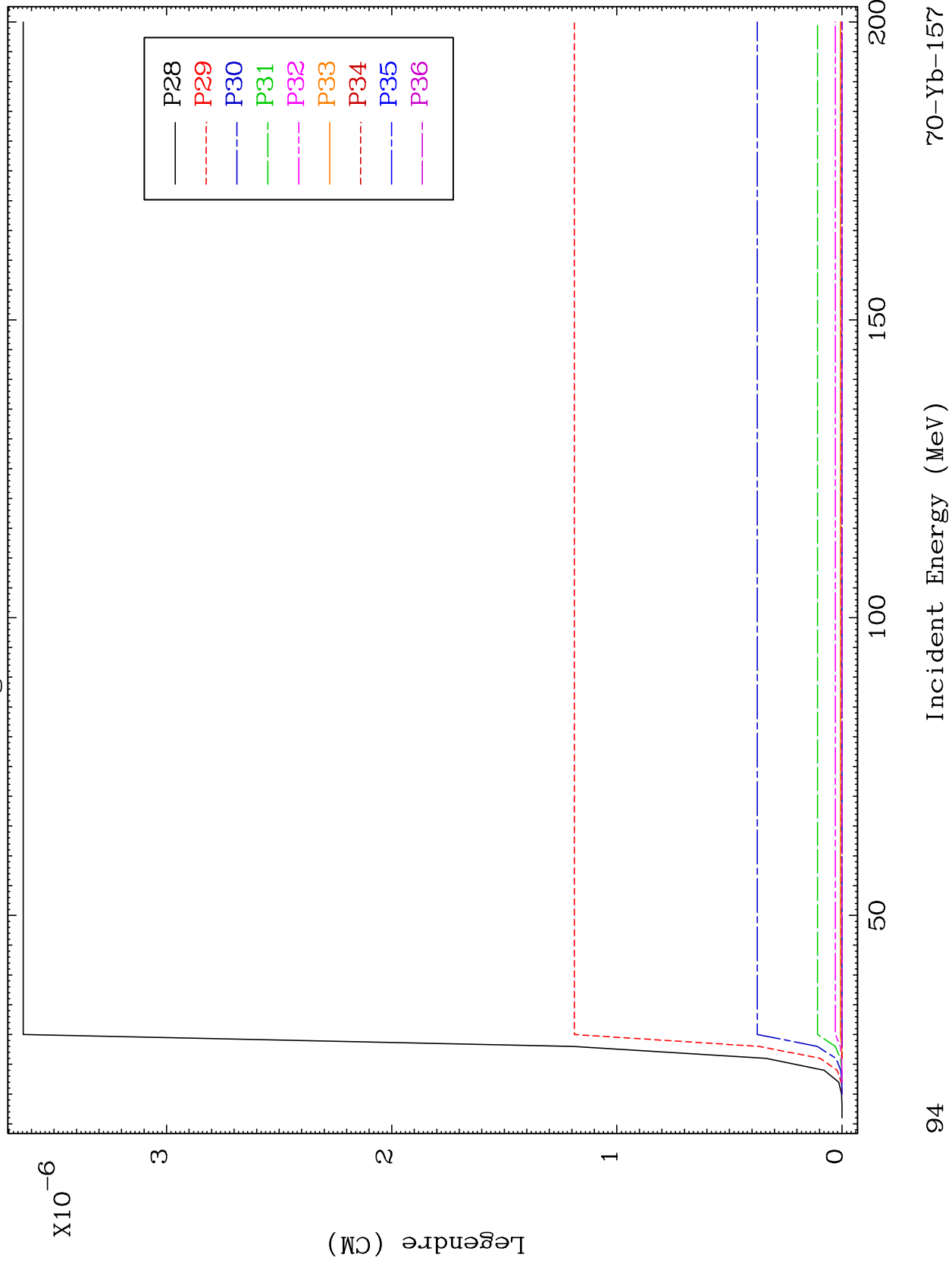
93

70-Yb-157

MAT 6992

MT= 72 (n,n') Level
Legendre Coefficients

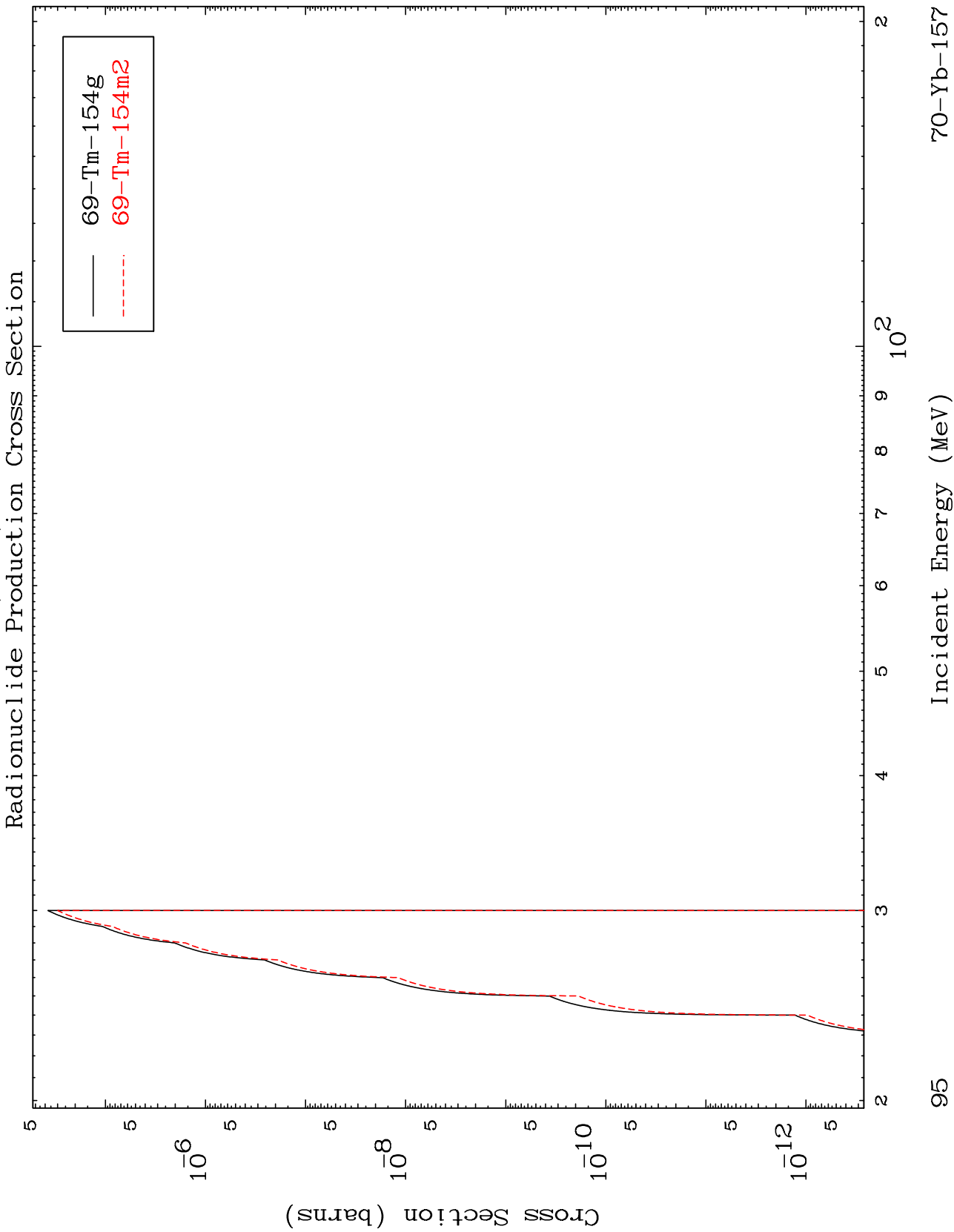
70-Yb-157



MAT 6992

(n,2n) d

70-Yb-157



95

Incident Energy (MeV)

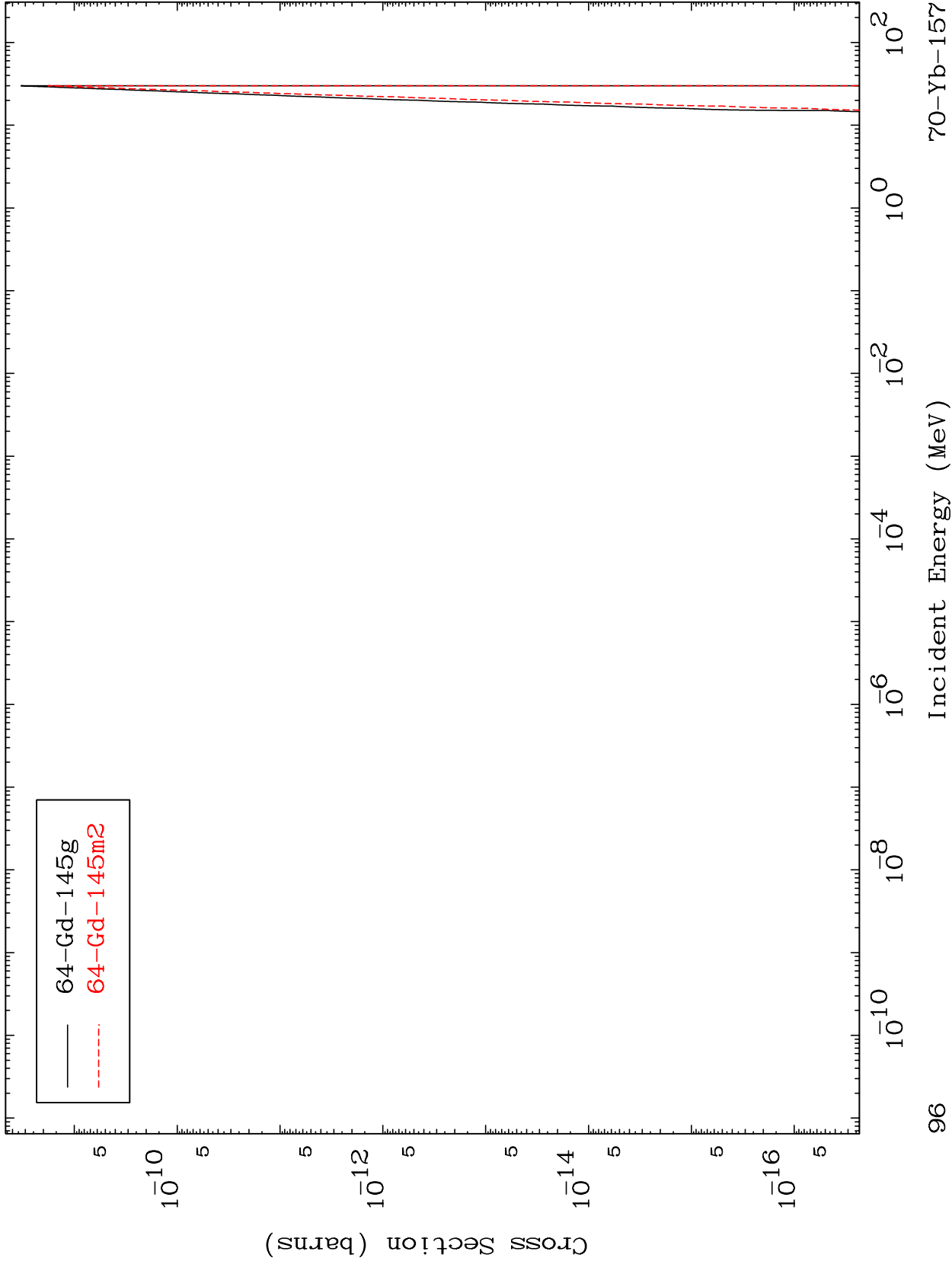
70-Yb-157

MAT 6992

(n,n') 3 α

70-Yb-157

Radionuclide Production Cross Section

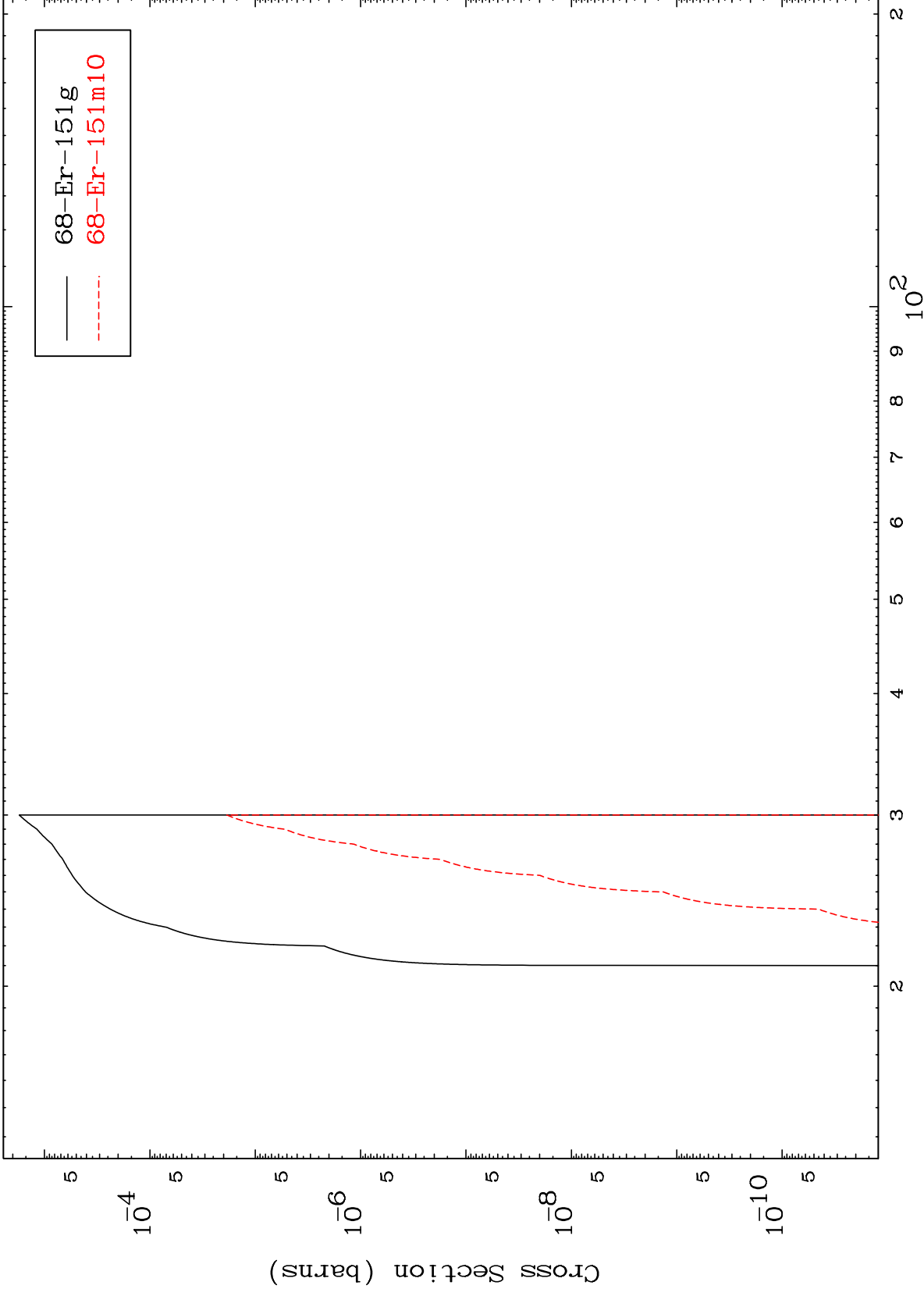


MAT 6992

(n,3n) α

70-Yb-157

Radionuclide Production Cross Section



97

Incident Energy (MeV)

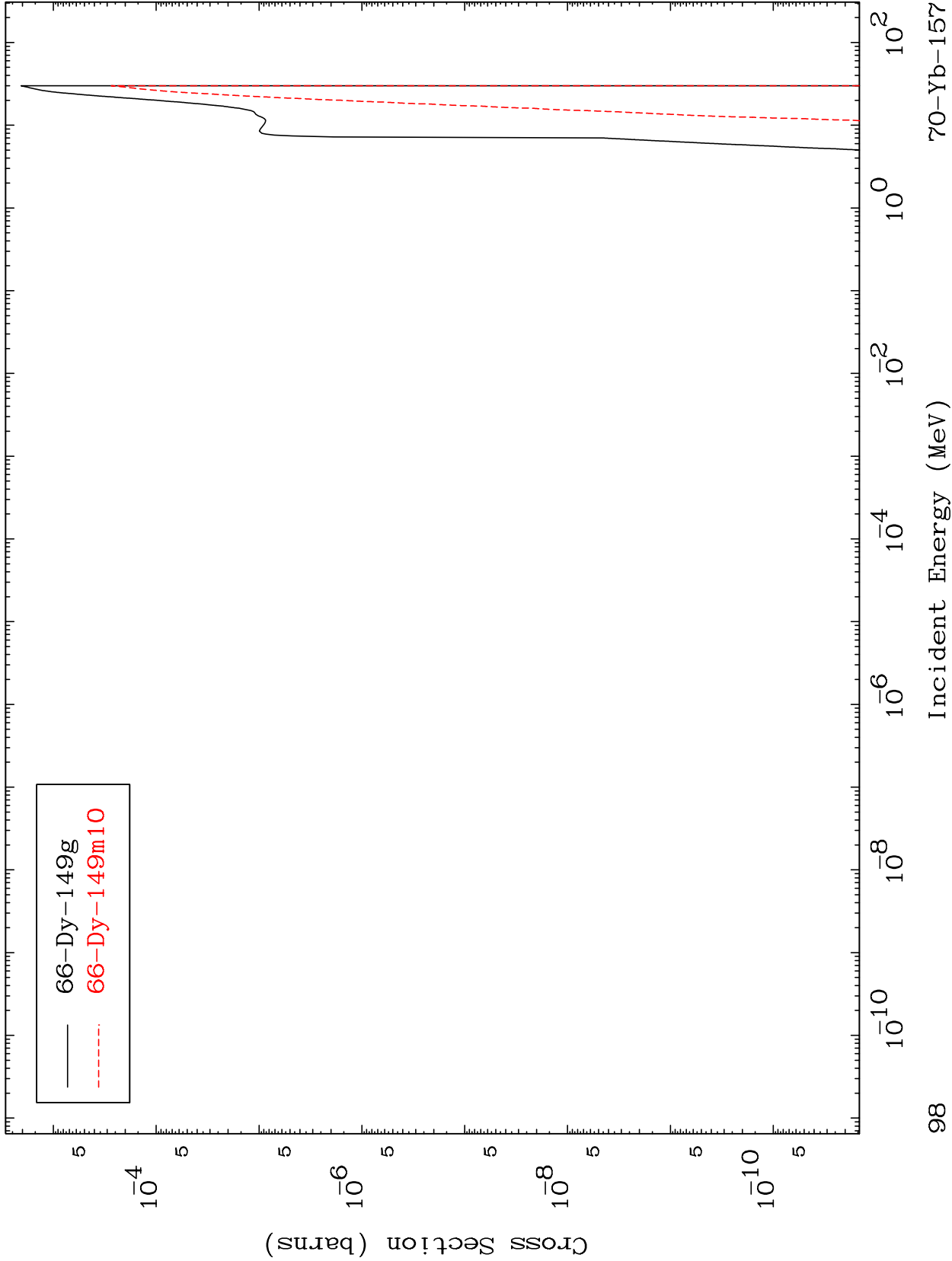
70-Yb-157

MAT 6992

(n,n') 2 α

70-Yb-157

Radionuclide Production Cross Section

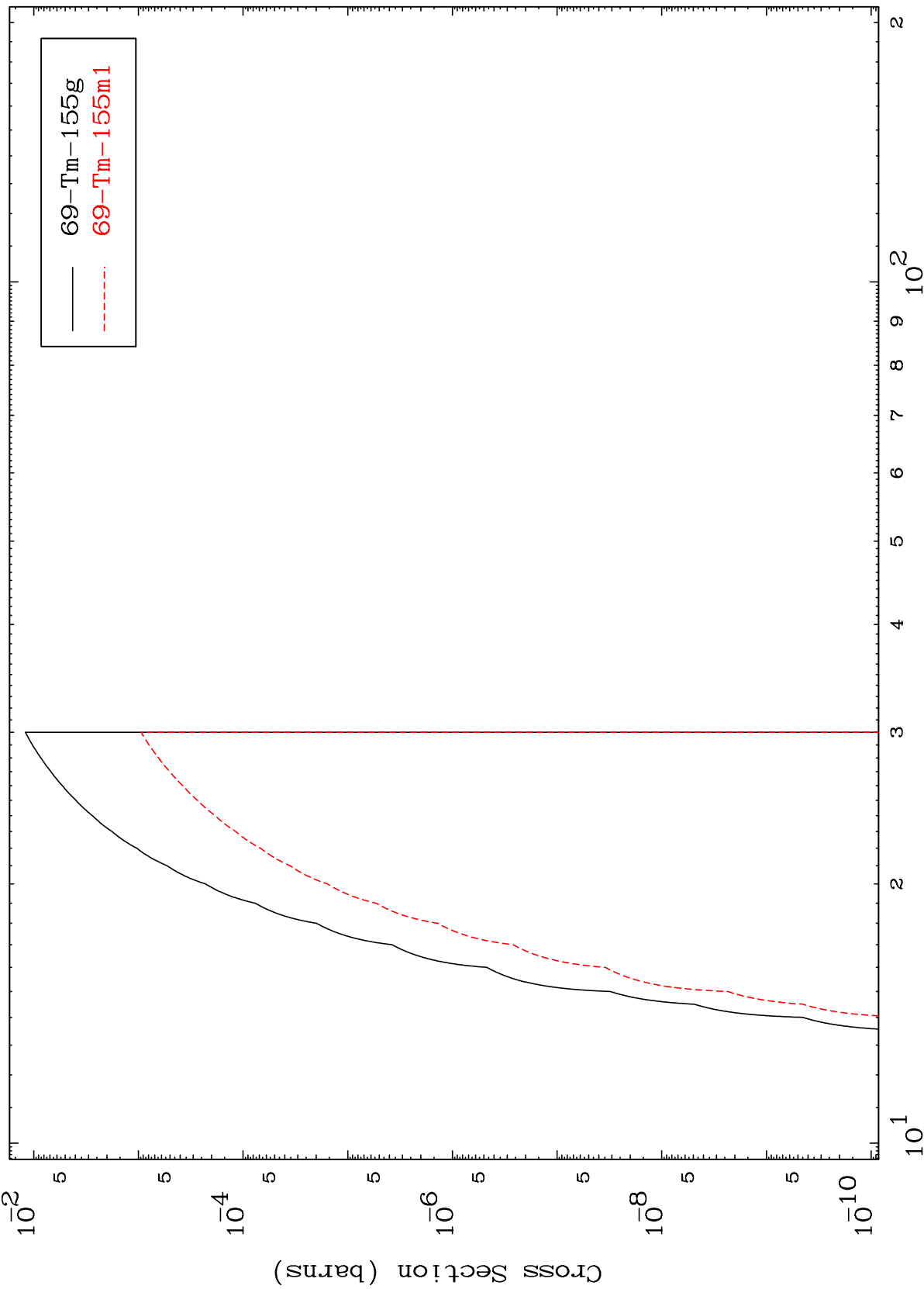


MAT 6992

(n,n') d

70-Yb-157

Radionuclide Production Cross Section



Incident Energy (MeV)

70-Yb-157

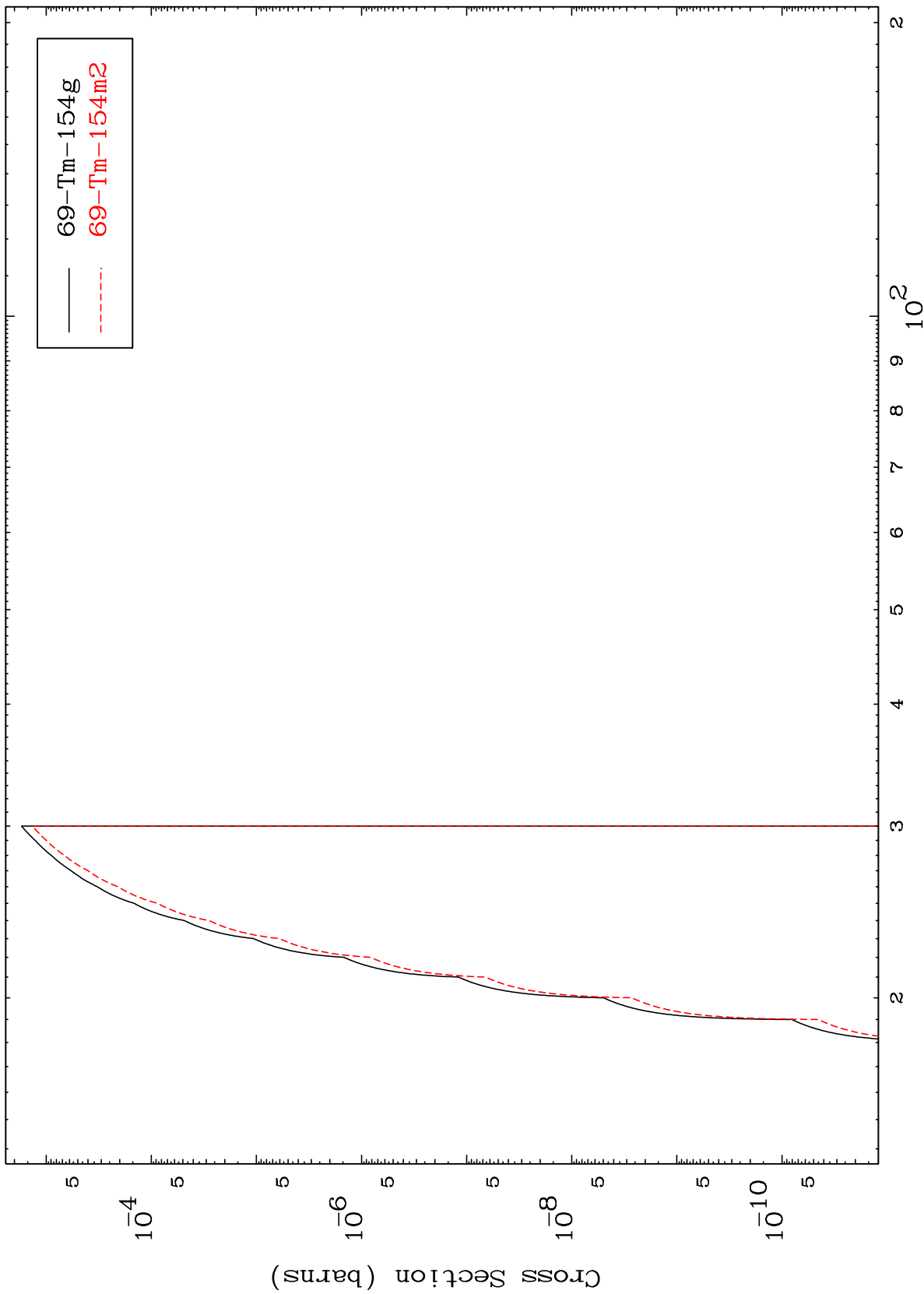
99

MAT 6992

(n,n') t

70-Yb-157

Radionuclide Production Cross Section



100

Incident Energy (MeV)

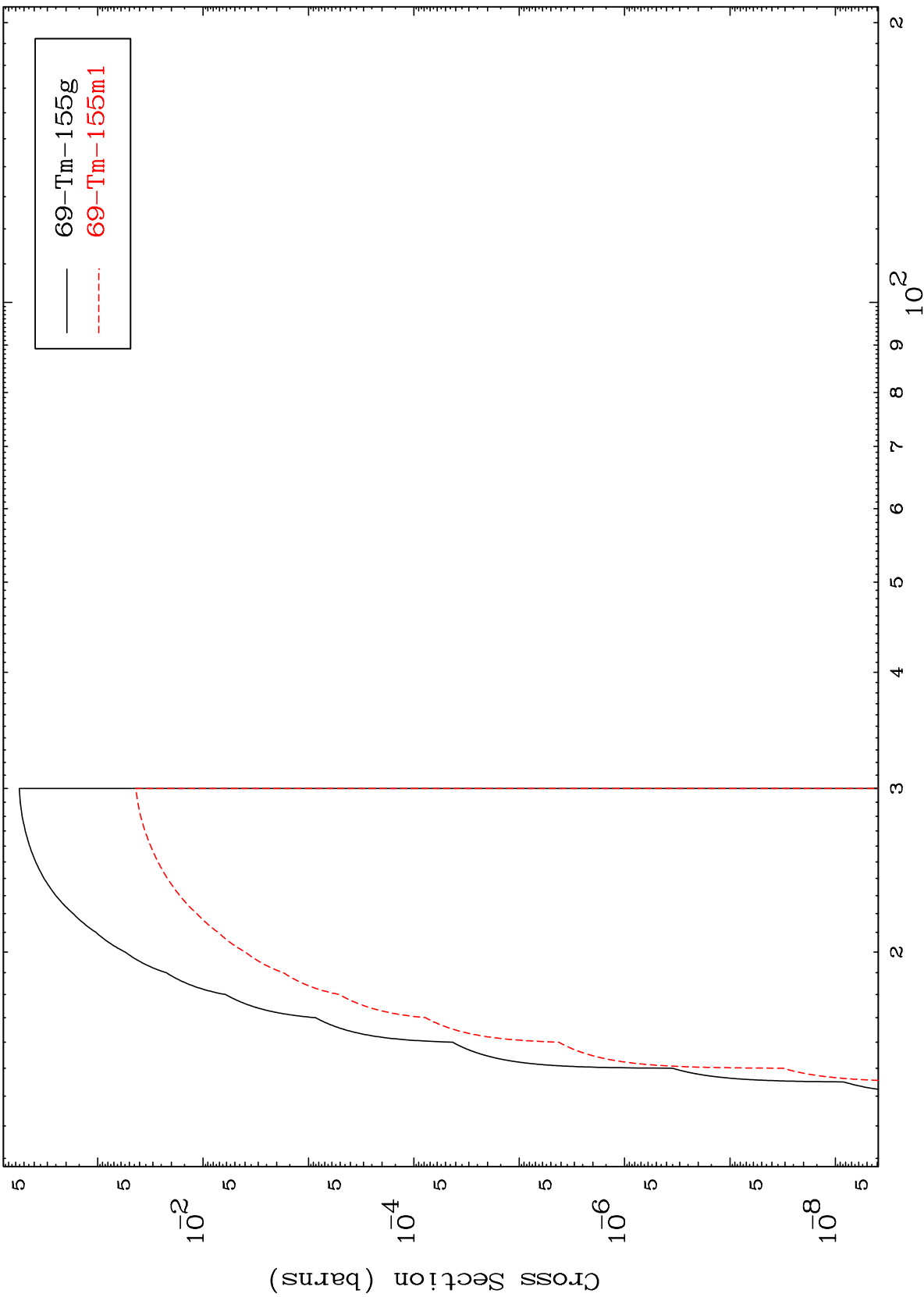
70-Yb-157

MAT 6992

(n,2n) p

70-Yb-157

Radionuclide Production Cross Section

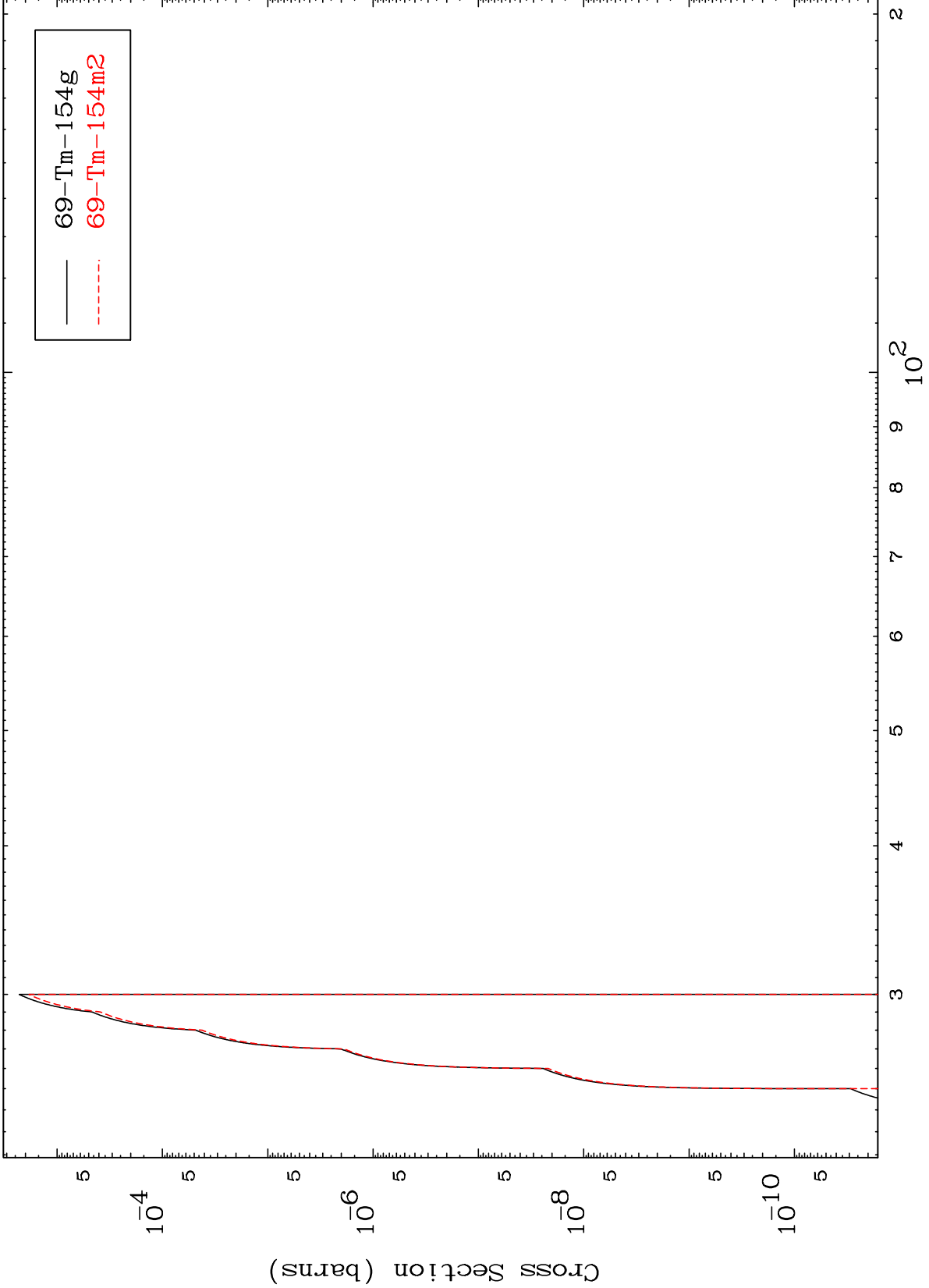


101

Incident Energy (MeV)

70-Yb-157

Radionuclide Production Cross Section

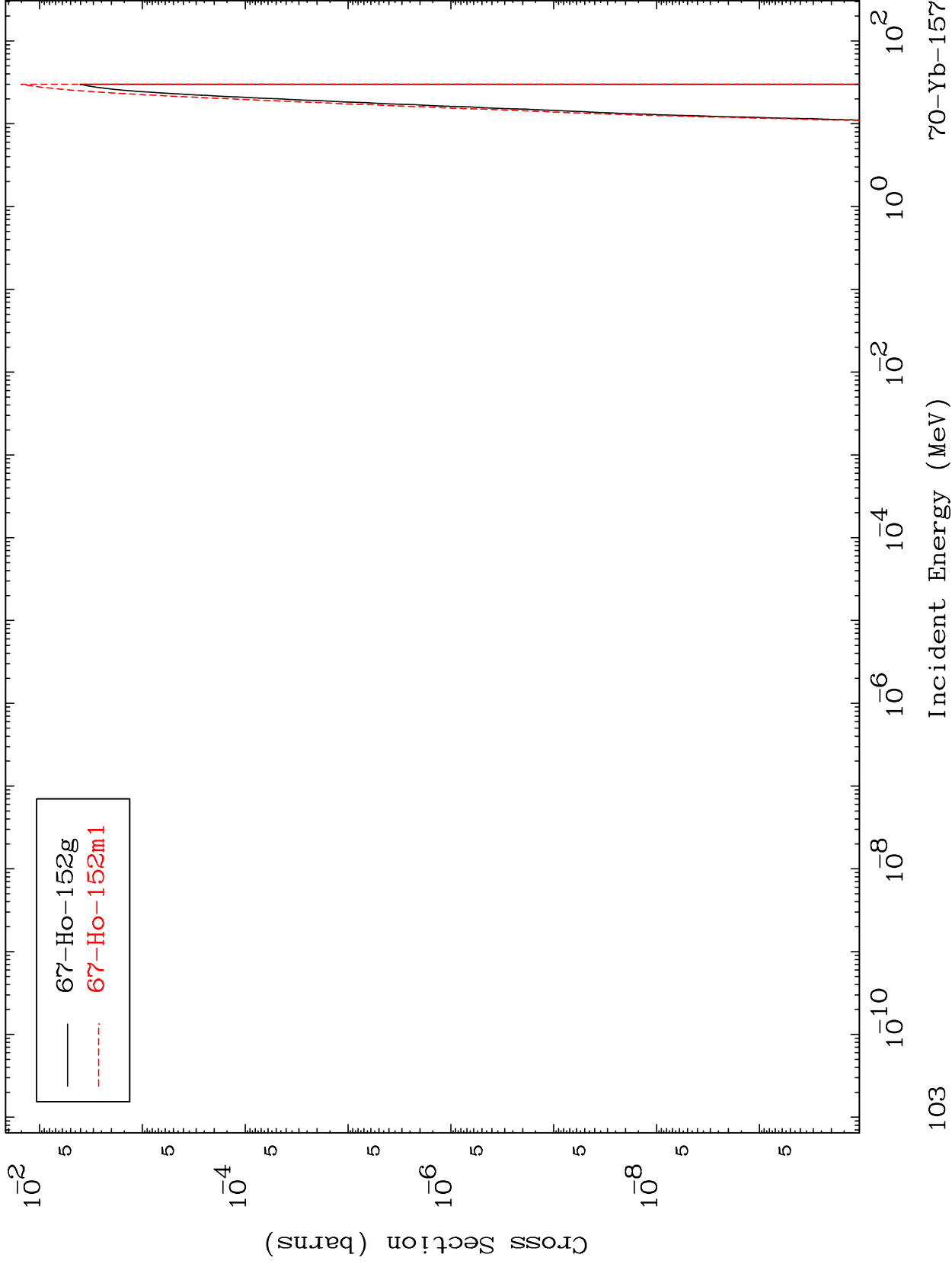


MAT 6992

(n,n') p α

70-Yb-157

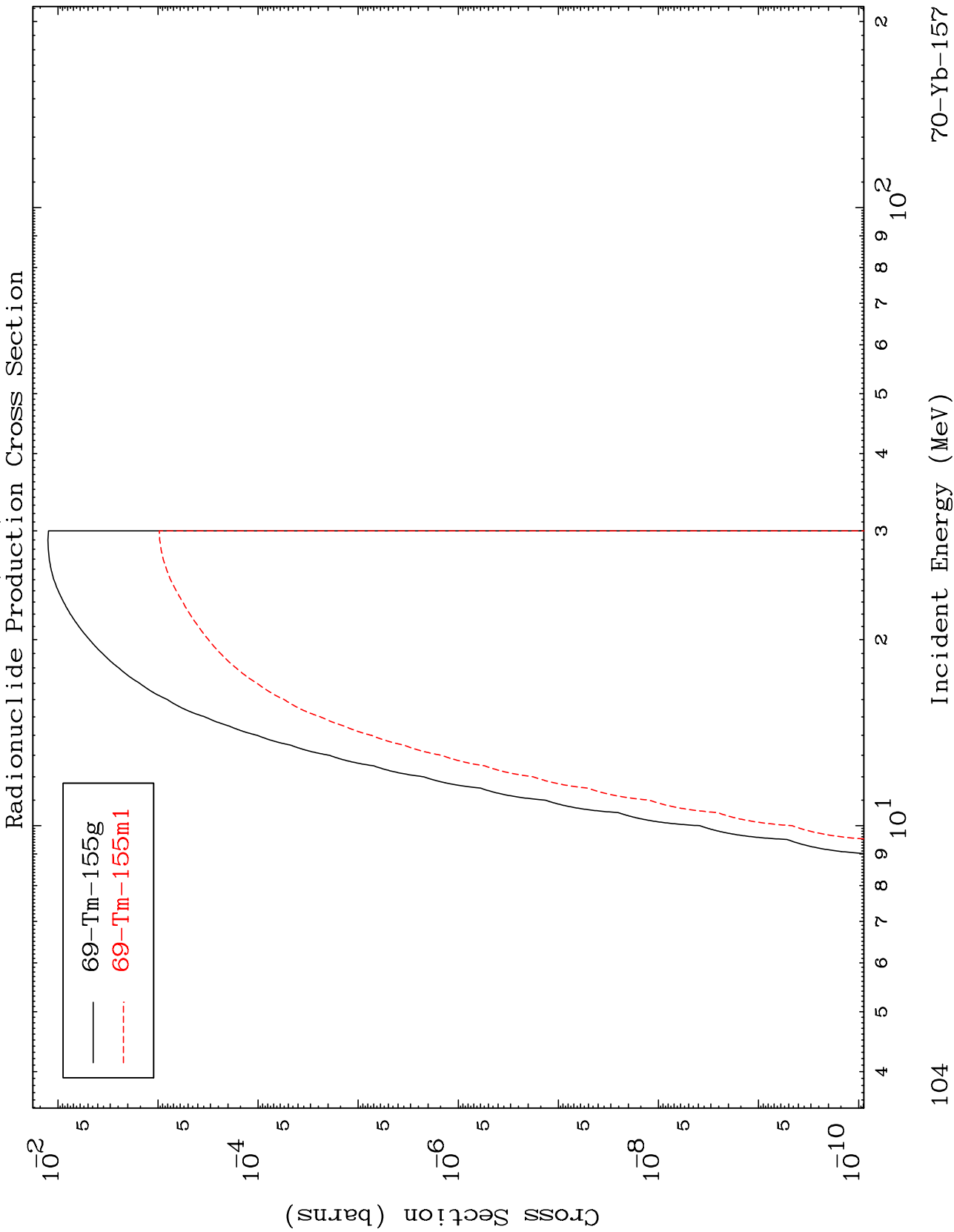
Radionuclide Production Cross Section



67-Ho-152g
67-Ho-152m1

MAT 6992

70-Yb-157



104

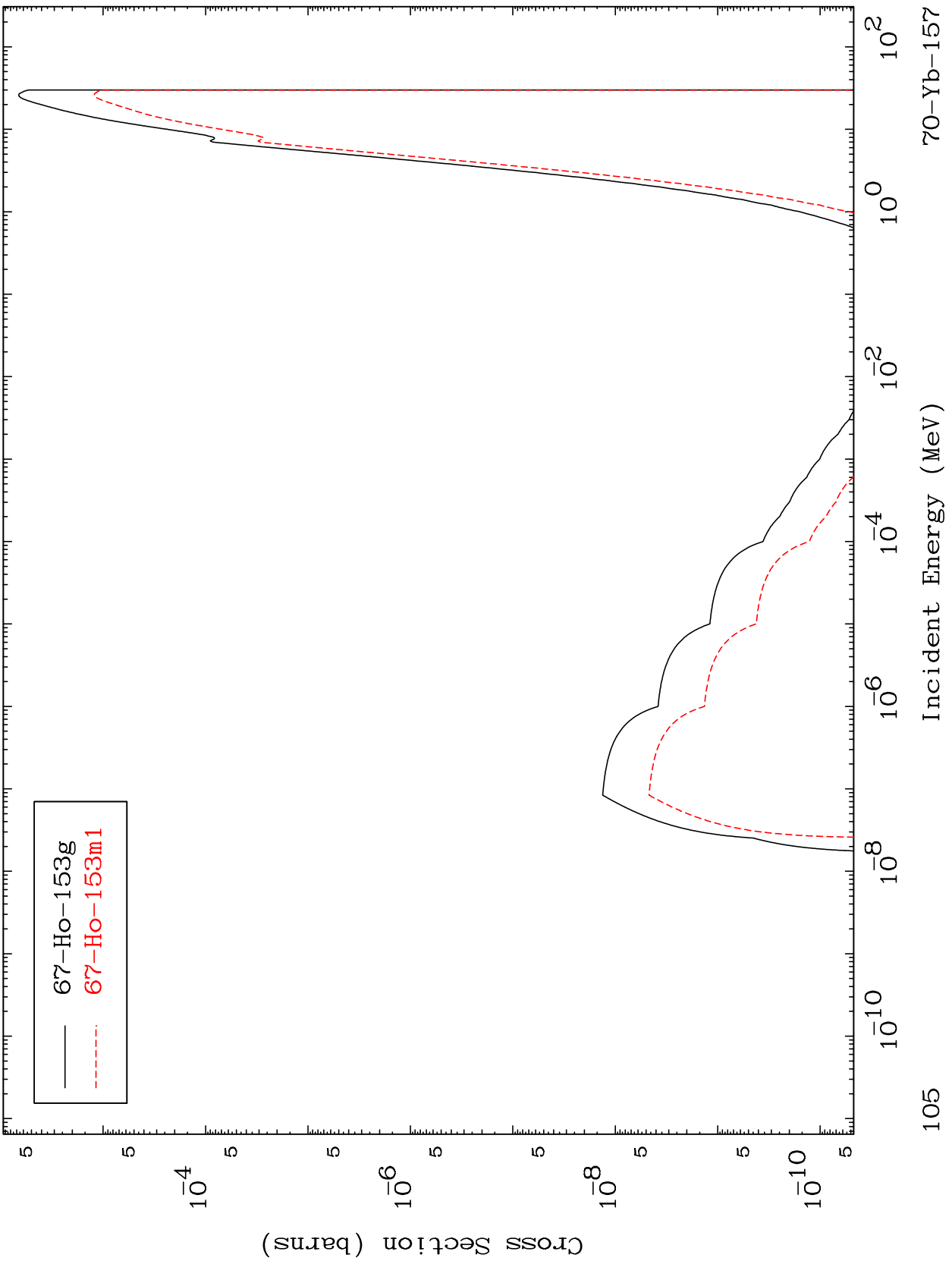
70-Yb-157

MAT 6992

(n,p) α

70-Yb-157

Radionuclide Production Cross Section

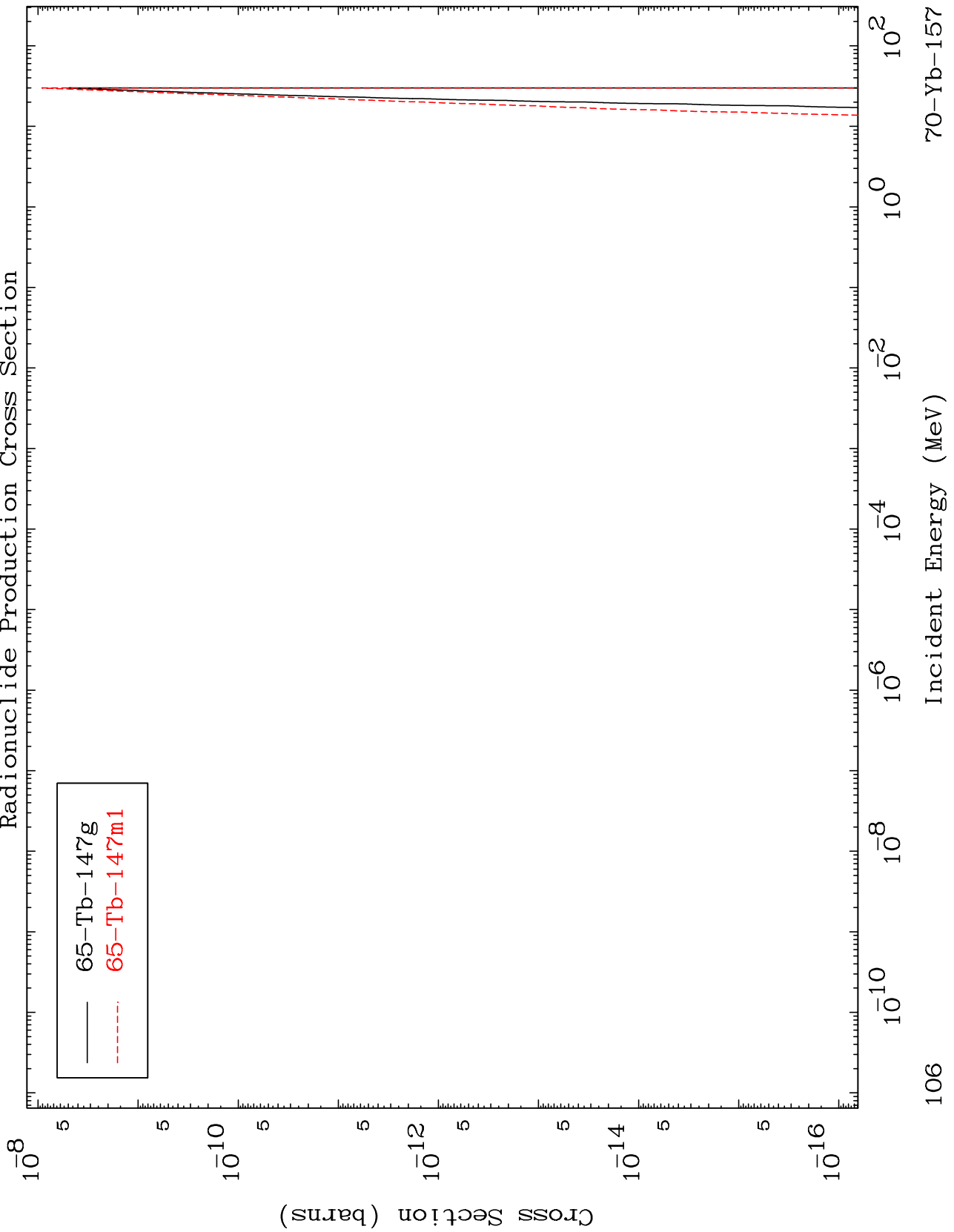


MAT 6992

(n, t) 2 α

70-Yb-157

Radionuclide Production Cross Section

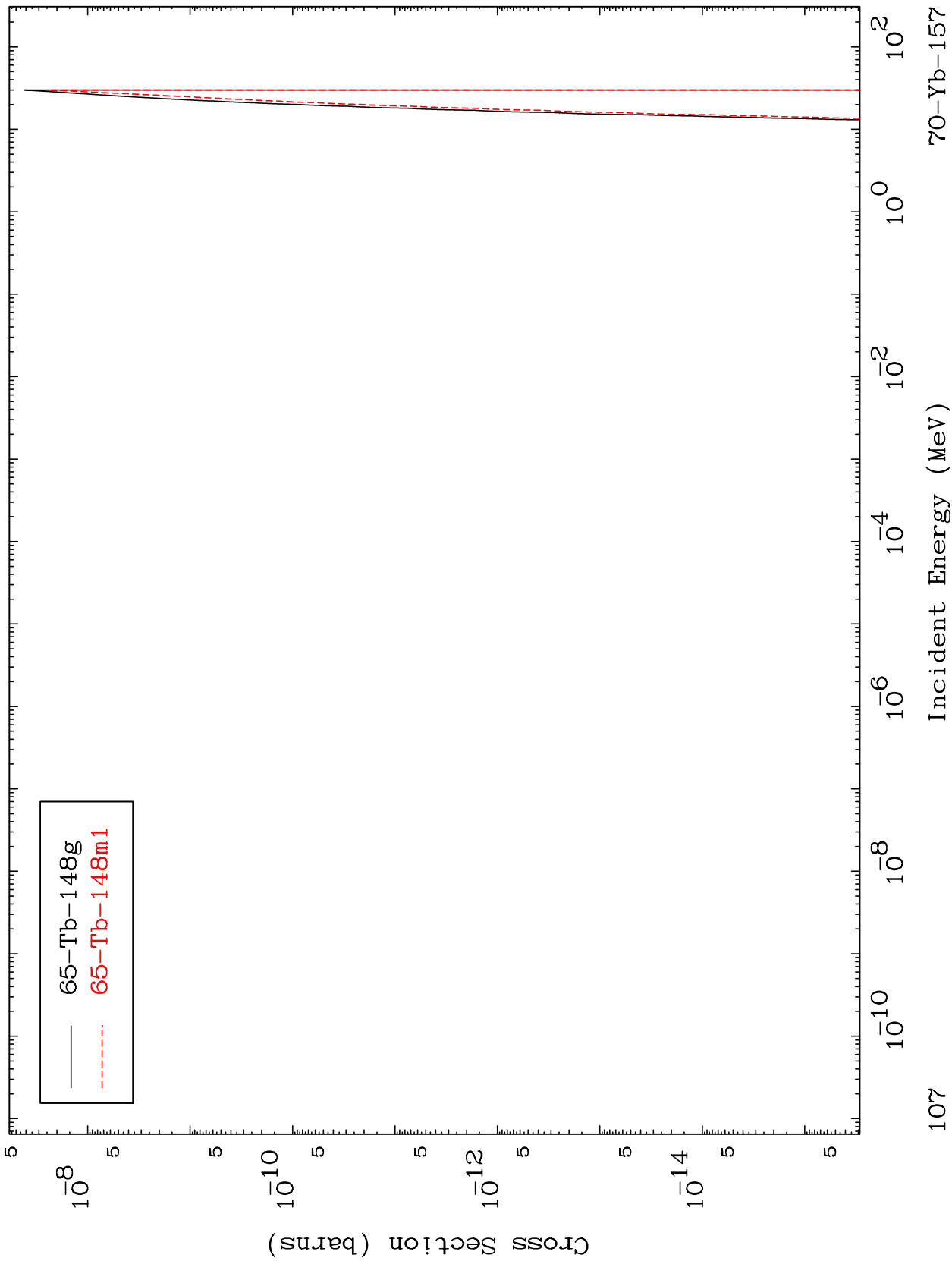


MAT 6992

(n,d) 2 α

70-Yb-157

Radionuclide Production Cross Section



65-Tb-148g
65-Tb-148m1

107

Incident Energy (MeV)

70-Yb-157

MAT 6992

(n,d) α

70-Yb-157

